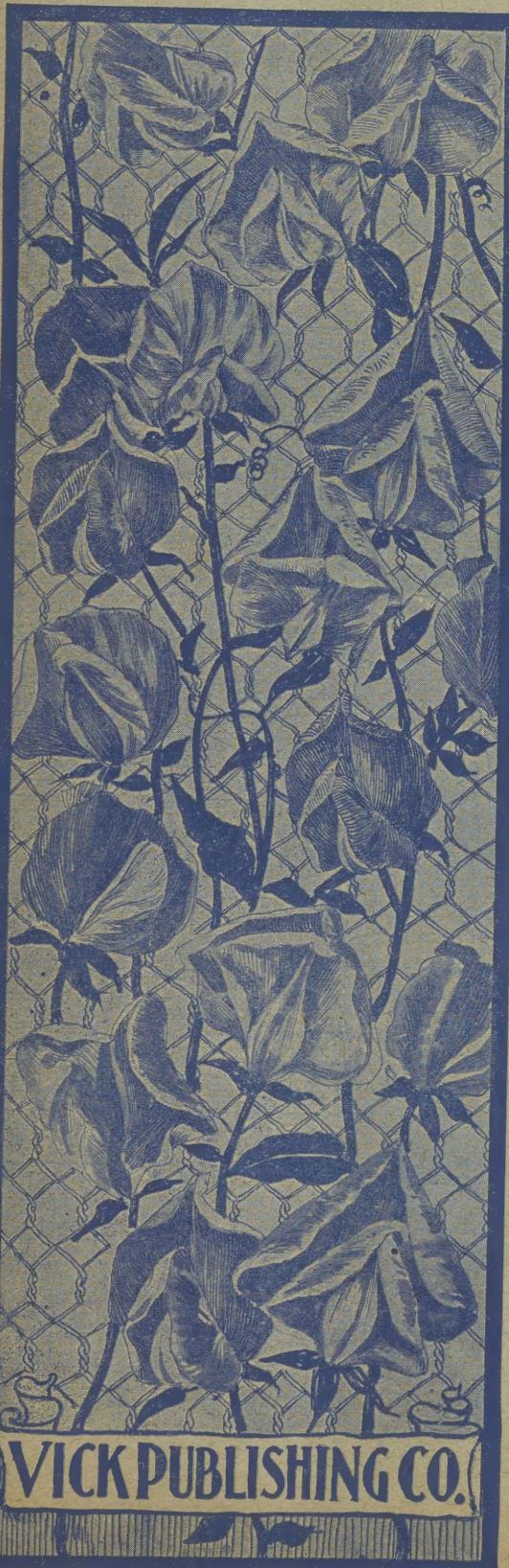


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MAR 7 1902



McKinley Memorial Picture

SIZE
16 x 20 Inches



hither and sounding their trumpets. Little innocent children are there and all is white, pure and holy. Beneath is a collection of charming flowers, white roses, lilies, etc. Underneath is a printed tablet giving name, date of birth, assassination, death, and other particulars of our late lamented President. On one side is a cross, which the departed christian has laid down, and on the other side is the crown which the departed christian will wear in triumph in that beautiful city where there will be no more crosses nor suffering, and no more tears or parting. Underneath all is a marble slab with several quotations from Holy Scripture.

Elsewhere are scattered about this picture many other beautiful features, forget-me-nots, drapery, etc. This beautiful picture should find a place in every home. No expense has been spared on its production. They were made originally to sell at 50 cents each, but as a special inducement to agents to handle large quantities we will supply them at 20 cents each; 4 for 50 cents, 10 for \$1.00, postpaid. **Beautiful frames \$1.00 each**, including glass and back, moulding nearly 4 inches wide. Safe delivery guaranteed. Address

AMERICAN PUBLISHING COMPANY, Department B, BEAVER SPRINGS, PA.

WE wish to draw your attention to our New McKinley Memorial Picture of which we show an illustration. No words can describe its beauty. Most Memorial Pictures are so somber that they cast a gloom over anyone who looks at them. This picture is not gloomy, but is printed in appropriate and beautiful style. At the top of the picture is a representation of a pure white dove with extended wings. Beneath it are the words engraved in most beautiful type upon a background of pure white "Not Lost, but Gone Before." In the center is a picture of the late President, William McKinley, taken from one of his most recent photographs. On either side and in the distance are represented the courts of the heavenly Jerusalem. The innumerable columns of white marble seem to extend into Infinite Space, giving a faint idea of the immensity of that beautiful golden city. The angels and arch-angels can be seen flying thither and

WHENCE COMES THIS MIGHTY HEALING POWER?

All the Land Wonders at the Remarkable Cures Effect by Professor Adkin.

Heals Diseases Called Incurable.

Ministers, Doctors and Professional Men Tell How He Has Cured the Blind, the Lame, the Paralytic and Many on the Very Brink of Death.

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Professor Adkin Offers to Help All Sufferers From Any Disease Absolutely Free of Charge—Professional Men Investigate His Powers.



PROF. THOMAS F. ADKIN.
President of the Institute of Physicians and
Surgeons.

In all parts of the country men and women, doctors and surgeons, clergymen and educators are wondering at the remarkable cures made by Prof. Thomas F. Adkin, discoverer of the Adkin Vitaopathic treatment.

Professor Adkin heals not by drugs, nor by Christian Science, nor by Osteopathy, nor by Hypnotism, nor by Divine Healing, but by a subtle psychic force of nature in combination with certain vital magnetic remedies which contain the very elements of life and health.

A reporter recently talked with Professor Adkin and was asked to invite all readers of this paper who are sick or who are worried by the ills of those dear to them to write to him for assistance. "Some people have declared," said Professor Adkin, "that my powers are of God; they call me a Divine Healer, a man of mysterious powers. This is not so. I cure because I understand nature; because I use a subtle force of nature to build up the system and restore health. But at the same time I believe that the Creator would not have given me the opportunity to make the discoveries I have made nor the ability to develop them if He had not intended that I should use them for the good of humanity. I therefore feel that it is my duty to give the benefit of the science I practice to all who are suffering. I want you to tell your readers that they can write to me in the strictest confidence if they are troubled with any kind of disease, and I will thoroughly diagnose their cases and prescribe a simple home treatment which I positively guarantee to effect a complete cure, absolutely free of charge. I care not how serious their cases, nor how hopeless they may seem. I want them to write me and let me make them well. I feel that this is my life's work."

So great is the sensation wrought in the medical world by the wonderful cures performed by Professor Adkin that several professional gentlemen were asked to investigate the cures. Among these gentlemen were Doctor L. B. Hawley and Doctor L. G. Doane, both famous physicians and surgeons. After a thorough and painstaking investigation these eminent physicians were so astounded at the far-reaching powers of Professor Adkin and the wonderful efficacy of Vitaopathy that they volunteered to forsake all other lines

in life and all other kinds of treatment and devote themselves to assisting Professor Adkin in his great work for humanity. With the discovery of the Adkin Vitaopathic treatment, eminent physicians are generally agreed that the treatment of disease has at last been reduced to an exact science.

In all some 8000 men and women have been cured by the powers of Professor Adkin. Some were blind, some were lame, some were deaf, some were paralytics, scarcely able to move, so great was their infirmity. Others were afflicted with Bright's disease, heart disease, consumption and other so-called incurable diseases. Some were sufferers from kidney trouble, dyspepsia, nervous debility, insomnia, neuralgia, constipation, rheumatism, female troubles and other similar ills. Some were men and women addicted to drunkenness, morphine and other evil habits. In all cases Professor Adkin treats he guarantees a cure. Even those on the brink of the grave, with all hope of recovery gone, and despaired of by doctors and friends alike, have been restored to perfect health by the force of Vitaopathy and Professor Adkin's marvelous skill. And remarkable as it may seem, distance has made no difference. Those living far away have been cured in the privacy of their own homes, as well as those who have been treated in person. Professor Adkin asserts that he can cure any one at any distance as well as though he stood before them.

Not long ago John Adams of Blakesbury, Iowa, who had been lame for 20 years, was permanently cured by Professor Adkin without an operation of any kind. About the same time the city of Rochester, N. Y., was startled by the cure of one of its oldest residents, Mr. P. A. Wright, who had been partially blind for a long period. John E. Neff, of Millersburg, Penn., who had suffered for years from a cataract over his left eye, was speedily restored to perfect sight without an operation. From Logansport, Indiana, comes the news of the recovery of Mrs. Mary Eicher, who had been practically deaf for a year, while in Warren, Pa., Mr. G. W. Savage, a noted photographer and artist, who was not only partially blind and deaf, but at death's door from a complication of diseases, was restored to perfect health and strength by Professor Adkin.

Vitaopathy cures not one disease alone, but it cures all diseases when used in combination with the proper remedies. If you are sick, no matter what your disease nor who says you cannot be cured, write to Professor Adkin today; tell him the leading symptoms of your complaint, how long you have been suffering, and he will at once diagnose your case, tell you the exact disease from which you are suffering, and prescribe the treatment that will positively cure you. This costs you absolutely nothing. Professor Adkin will also send you a copy of his marvelous new book, entitled, "How To Be Cured and How to Cure Others." This book tells you exactly how Professor Adkin will cure you. It fully and completely describes the nature of this wonderful treatment. It also explains to you how you yourself may possess this great healing power and cure the sick around you.

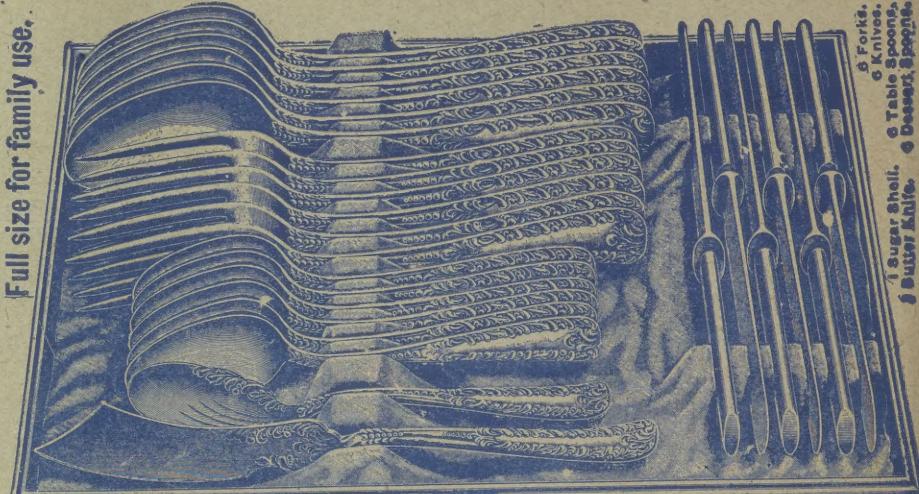
Professor Adkin does not ask one cent for his services in this connection. They will be given to you absolutely free. He has made a wonderful discovery, and he wishes to place it in the hands of every sick person in this country, that he may be restored to perfect health and strength. Mark your letter personal when you write, and no one but Professor Adkin will see it. Address Professor Thos. F. Adkin, office 226 F. Rochester, New York.

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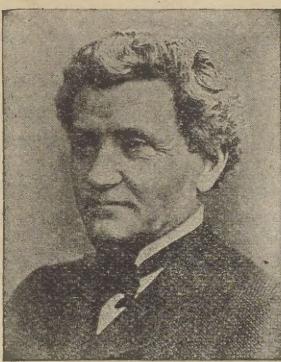
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JAMES VICK
Founder and First Editor

VICK'S FAMILY MAGAZINE

VOL. XXVI.

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NO. 1

LILIMUM HARRISII.

Easter Lily is now synonymous with *Lilium Harrisii* or Bermuda Lily. It ranks above all other lilies and flowers for Easter decoration. It has made famous the Bermuda Islands. About five hundred miles out in the Atlantic ocean, off the coast of North Carolina these islands are clustered. They number three hundred and sixty-five. Some of them are too small and too frequently submerged by the waves of the ocean for habitation. Time was, that onions and potatoes were the crops of the Bermudas, but the taste and culture of this age are evidenced by the fact that Lilies now monopolize the cultivation on these islands almost entirely and are more largely in demand than any other product of the soil. The number of Lily bulbs grown in the Bermudas runs up into millions. The demand is yearly on the increase, and our florists in Louisiana, North Carolina, Florida and California are growing the bulbs successfully. The promise of the near future is, that the United States will produce millions of these Easter Lilies.

The bulbs increase rapidly and grow with the greatest freedom, particularly on the Bermuda Islands, but increase of numbers is but one point to make with the Lily crop. The Bermuda farmers learned years ago, that it is the Easter demand for the Lilies that makes the profit. To have them in bloom at Easter required skillful manipulation, but it has been reduced to a fine point. The crop may be said to be harvested twice a year in that the blooming plants are sold in March, the bulbs in July and August. The Lily bulb forms small bulbils at the base of the outer scales. The successful grower takes these off in certain quantities each year, bedding them in wet sand to form roots. When enough roots are formed, the bulbs are taken from the wet sand and planted in richer soil to foster growth. In about eight months the bulbs will be of a size that sixty thousand will plant an acre. In the mild climate

of the Bermudas they grow all the year, and from one summer to another the bulbs will become from four to seven inches in diameter. The rule is to allow three or four years of growth and fluorescence before shipping the bulbs to the United States. There are exceptions, however, as many two-year-old bulbs are sold. Blooming in no wise weakens these Lily bulbs. A few years ago, the Bermuda farmers cut the bloom stalks and shipped them to New York City in large numbers. Steam-

ers are only about two days in making the trip, so the blooms were in no danger of losing their beauty. For decorations the cut-bloom stalks serve every purpose of the blooming potted plant. The Bermuda dealers cut the stalks in bud, pack them in air-tight cases, and each separate bud on the stalk is carefully wrapped in cotton. Unwrapped and placed in water the Lilies rapidly unfold. Our own florists produce much finer blooms, under green house culture, however, than those cut and sent from the Bermudas, so that not so many cut as potted Lilies are now received. Then,

only the best are bought and sold. Amateurs are sure of getting sound, productive bulbs, which range in price according to size. The large four or six-year-old bulbs make the grand Easter Lilies we all desire to have,—or to see.

There were twelve thousand potted plants in full bloom sold in New Orleans, the day preceding last Easter. This number failed to meet the demand and many were disappointed in getting Lilies. Customers seeking for Lilies went beyond the city limits to gardens, and amateurs were persuaded to sell their plants or the cut flowers.

Decorations in Catholic and Episcopal churches in New Orleans are beautifully appropriate. The flowers are ideally beautiful, the Lily leading all others, and the arrangements conform to the highest ideals.

Palms, Callas, Ferns and other plants of decorative foliage are much adopted, but there is less to admire in Palms for Easter than the others. Palms are every way appropriate for Palm Sunday and for all funeral ceremonies, but Easter is the time for tender buds, sweet flowers and new leafy green. Easter flowers should symbolize the joy of the votaries, the triumph of the risen Lord. The sleep of winter is over at Eastertide. Flowers are blooming, green grass decks the earth; ice floes are breaking up and navigators are rejoicing. Floriculture, the hand maiden of nature, arrays the Lilies to greet the day; birds are nesting in leafy coverts and the air is vibrant with carols and twitterings. Easter is nature's grand jubilee.

Church decorating committees would gain many good ideas by reference to the "Glossary of Ecclesiastical Ornament," by A. Welby Pugin. He is recognized authority by the Roman Catholic and Protestant Episcopal Churches in England and the United States. He was an architect and Professor of Ecclesiastical Antiquities in St. Marie's College, Olcott. The book is a masterpiece and filled with chromo-lithographs and engravings. He makes plain the difference in the forms of the Cross. Only the floriated Cross is ecclesiastically correct

for decorations. It has the ends carved or curved, and not plain. Almost any other form of decoration is to be preferred to the Cross,—budding and blooming branches of flowering trees and shrubs, trailing green vines, growing plants and cut flowers of all kinds and colors, and "always and ever" the feathery green ferns—but when all are at their charming best, yet turn we reverently to the Lily as the flower of flowers for Easter decoration. *Mrs. G. T. Drennan.*



EASTER LILY.

cutting the stalks in full, green growth has a tendency to weaken the bulb, which is a point that interests our florists as they purchase the bulbs later in the year.

New York City receives the immense number of bulbs and blooming plants, and from thence shipments are made to all other cities. The Florist's Club of New York City, and a combine of Bermuda Lily farmers have regulated matters so that no diseased nor weakened bulbs are distrib-



Only A Flower.

By Ruth Raymond.

Only a flower kindly given
To one who was weary the day,
Yet thrilling the heart with its wonderful art,
Like bird wings in beautiful May.

Only a flower sweetly blooming
Mid poverty, sickness and gloom,
Yet filling the air with its fragrance so rare,
And lighting the dark, sunless room.

Only a flower, yet its mission,
To comfort and cheer the distressed,
Its richness and grace make holy the place,
Since love with the gift is confessed.

A MOONLIGHT FLOWER.

(Written for Vick's Family Magazine.)

We hear less of the moonflower (*Ipomea*) nowadays than we did; here in the North I think we do not have quite summer enough. Once I had a vine that would have bloomed had the frost held off a week longer, but the plant was killed and I never saw a moonflower of the genus *Ipomea*, and I would not now try to grow them, at least while I have the *Datura* which is greatly more satisfactory for this climate. A little seedling was given me three years ago and I have it yet. When the frost cuts the leaves I dig up the root and put it in a box of dirt in the cellar and there it remains

till Spring without any attention at all. Started in the house, it is set in the open ground when danger of frosts is over and it is soon in flower, branching, budding and blooming month after month.

There are various sorts, single and double, but this is a pure white single kind, probably *Datura Wrightii*.

One day in August, the sun at noon almost raised a blister. The morning glory vines wilted, the leaves of the golden glow hung limp, and even the tough perennial phloxes began to droop. But as the sun set and the moon began to brighten, seven great *Datura* flowers, six inches across and eight or ten long, opened and shone in the moonlight, while their fragrance filled the air. The bloom of the *auratum* lily was like a white flame, the forms of the flowers not being perceptible across the distance; the tree crickets sang and it seemed a pity to waste such hours in sleep. The next night there was a larger moon and twelve *Datura* flowers open all at once.

The dawning day is also a good time for the *Datura*; its great flowers are as much a morning glory as the plants so called. But with a bright sun they close and droop rather before noon. Given a rich soil and plenty of room—one plant will be six or more feet across—and you will see.

E. S. Gilbert.



HINTS ON CANNA CULTURE.

(Written for Vick's Family Magazine.)

All points considered, the canna is today the most popular bedder that we have. It justly deserves this popularity, for its foliage is tropical and its blossoms are produced in profusion and in regular succession throughout the entire season.

In order, however, to get the greatest effect from the canna one must practice massing it.

This implies the selection of several plants of the same variety for a bed, so that the combined colors from the blossoms and the combined green of the foliage, will make a greater area to attract the eye.

Cannas bearing scarlet flowers are well adapted for beds on the lawn. No color in flowers is so conspicuous as red, as it is a rich contrast to the green foliage of the plants and also the green of the sward. Yellow is next in value, especially if the lawn is considerably shaded. It is well to remember these points in ordering tubers from the florist.

No canna bed is finished without a border of some sort. It serves the purpose of breaking the ground line between the lawn and the canna leaves and gives the bed a neat finish. *Centaurea gymnocarpa* (Dusty Miller), *Salvia splendens*, white *Alyssum* and *Ageratum* are plants nicely suited to such a purpose. All of these plants may be raised from seed without any difficulty. The seedlings should be reared in a box and transplanted into the bed.

If one desires a more elegant border than that produced by the plants named in the last paragraph, any of the following may be ordered from the florist: *Achyranthus Lendeni*, Variegated *Stevia*, or *Alternanthera*. The latter occurs in several varieties and permits free pruning so that the border may be kept nicely rounded and graceful. All of the border plants mentioned in this paragraph may be propagated, season after season, from slips.

Border plants should be set rather close together at first. After they are somewhat larger and there is danger of crowding, alternate ones may be pulled up and used to border other beds.

Cannas in general should be planted from eighteen to twenty-four inches apart, the taller sorts requiring the greater distance. From the very first, they should have plenty of water. This should be attended to every day so that every root and rootlet will be thoroughly immersed. No matter if the bed becomes a mire. The canna will revel in it. There is no danger of overwatering, especially when the days are hot and dry. A mulch of well-rotted manure will keep the roots cool, which is so essential to vigorous plants.

The beds in which canna are to be massed should be circular or oval. The soil should be as rich as can be made, and plenty of well-rotted manure should be incorporated with it. Some sand added lightens the mixture and makes it more like the soil of the tropical swamps, of which the canna is a denizen.

Jacob F. Bucher.

BLOODROOT.

(Written for Vick's Family Magazine.)

One of the brightest, earliest, and prettiest wild flowers which bears transplanting and responds to cultivation by luxuriant growth, is the Bloodroot, *Sanguinaria Canadensis*, so named because of the colored juice which exudes from the root, stem, and leaves, when broken or crushed. The flower is a beautiful pure white, an inch and a half across, with numerous bright yellow stamens. It is interesting to observe the plants when they first appear in the spring. The leaf folds about the scape which bears the flowers in such a kindly gracious manner, as if to protect it from the cold. One is touched at the thought of the foresight thus manifested by the leaf, in its care of the flower's welfare.

The flowers are quite transient (they are relatives of the poppies) but the leaves increase in size and a clump of them makes a very pretty spot of green. They are variously lobed, and the veins are quite prominent, especially from beneath. The plant is so easily grown that it should find a place in every wild-flower garden.

Mrs. W. A. Kellerman.

THE CANTERBURY BELL.

(Written for Vick's Family Magazine.)

The merits of this old-time favorite, *Campanula medium*, are being more generally recognized, and it is once more coming to the front. It certainly deserves to be generally planted. Like

many other flowers the Canterbury Bell has been changed by cultivation. Years ago single blossoms were the only ones known; now there are semi-double and double ones, the latter often being doubled to the very center, which can not by any means be considered an improvement. These very double blossoms are curious, but not beautiful.

The variety called Cup and Saucer, *Campanula calycanthema*, is very pretty and very showy; the symmetry of the original bell-shaped flower is not lost, and the large saucer adds to the attractiveness of the blossom. The bells in this variety are sometimes three inches long and the saucers three to four inches across.

The Canterbury Bell is a biennial, but if started early and transplanted will bloom the first season. The plant is pyramidal in shape, about two feet in height, and bears an abundance of blossoms. After the first flowers have withered, a second installment takes their place, so that the plant remains in bloom a long time. The flowers are of a variety of colors, dark blue, light blue, a clear, beautiful shade of light pink, and white. They remain fresh a long time and so are valuable for cutting. A combination of dark blue and white blossoms, or of light blue, pink and white, is very effective for decoration, and a bed of the mixed colors is very beautiful.

Florence Beckwith.



NOTES FROM A NORTHERN ROSE GARDEN

BY
BENJAMIN B. KEECH

My rose garden is a source of never-ending delight, because even in the winter, I enjoy thinking about it, and making plans for its future welfare and betterment.

I am now speaking of my Hybrid Perpetuals. These occupy a bed about six feet wide by twenty-four feet long, and the roses are planted two feet apart. I am not satisfied with the conventionality of this "garden." It has none of the graceful twists and curves that I can see in my mind's eye; but sometime in the future I am planning for a rose plot that shall be as nearly perfect as possible.

In the meantime I content myself with my present collection of thrifty, healthy bushes; and, as before stated, find much pleasure and delight in caring for it.

It has taken a number of years to collect this assortment. Some hailed from here and some from there, and all, with the exception of a very few, have been quite satisfactory. One or two have seen fit to favor me with a good growth, but minus a blossom. Still, I am expecting much from them in the future, if they are not common wild roses upon which the good stock has been grafted. When a bush fails to produce any flowers one year, it will generally yield a very good crop the next. It is only natural that a plant should take a prolonged rest after exhausting itself by flowering from two to five dozens of blossoms. There is scarcely a week from June to October but what my plot of Hybrid Perpetuals favors me with a more or less generous supply of flowers. Of course, during June and July, the array of blossoms is satisfactorily large and brilliant. It has taken some time, a little ingenuity, and a great deal of research among floral catalogues, to collect an assortment of roses that will flower more or less continuously throughout the season. By experimenting and keeping alert to what people have said regarding this or that rose, I have been able to form a collection embracing the best of varieties.

If it will help any one to know what roses I consider the best, here is a list—abridged for want of space: American Beauty, rich, rosy, crimson; Anna de Diesbach, carmine; Couquette des Alps, white, lightly tinted with pale rose; Francois Levet, cherry pink; Giant of Battles, carmine; John Hopper, bright pink; Dinsmore, crimson scarlet; Gloire Lyonnaise, pale yellow; Gen. Jacqueminot, dark crimson; Mad. Plantier, white; Mad. Masson, clear rose; Mad. Chas. Wood, rosy crimson; Magna Charta, rosy red; Marshall P. Wilder, cherry crimson; Margaret Dickson, white; Paul Neyron, bright pink; Mrs. John Laing, clear pink; Prince Camille de Rohan, dark crimson; Vick's Caprice, pink, striped with white and red.

Hybrid Perpetuals like a rich soil, a very rich one, in fact. A large, thrifty three-year-old bush will absorb a great quantity of nutritious food, and thoroughly decomposed manure should be spread over the ground to the depth of a number

of inches, every season. Work most of it into the soil, but leave some on top as a mulch.

Thrips, aphis, and green worms must be fought relentlessly. Be on the lookout and apply an insecticide as soon as the first one appears, or before. White hellebore dredged on the foliage while it is wet, or Paris green dissolved in water is good to use. The application should always reach the underside of the leaves. Provide a mulch if you want the best results. Lawn clippings are good; lay them on thick pretty much all over the bed. Fertilize the roses, when in blossom, if the soil is

mulch is partly removed in the spring and the plants examined to see if they are secure in their positions. If not, they are pressed back again, evenly and firmly.

On the subject of pruning, I would say: Prune more or less severely. Of course, the old, dead wood should always be cut out, and the weak, spindling, branches would better be pruned away. Branches you wish to save should have about a third of last season's growth cut off. Trim out more from the center of the bush than from the sides; this will allow free access to sun and air and will leave the plant in better shape. A good rule to follow, for the majority of roses, is this: Cut back each branch to the fourth shoot, counting from where the branch starts out from the body of the plant. As a rule, the more you prune the finer individual flowers you have; the less you prune the larger crop of blossoms, to the detriment of the size of flowers.

In setting out roses, trim them back somewhat, being governed by the size and shape of the plant. Dig a small excavation, pour water into it, and when soaked down, place in the rose plant, arranging the roots so they will spread out naturally. Dip them in water once or twice and they will disentangle satisfactorily. Gradually cover with fine, mellow soil, water again and draw up a quantity of dry soil to retain moisture. In a day or two go over the plants and loosen the dirt so it will not become baked. Each plant should be set firmly. Do not leave them half planted.

I keep a sort of plan of my rose garden, with the name of each bush written down in its place. Thus I know which is which, and what is what. It is a pleasure to be able to speak of your flowers in terms of friendship and familiarity. I shall not have space to tell much about my Tea roses of my Hybrid teas. I have about given up the idea of trying to make roses of the tea section live in the open ground through our winters, even with protection. Most roses of this class will not do so, and the few that do are not satisfactory afterwards. In all justice let it be said that the Souperte roses are the one grand exception to this rule. Clothilde Souperte is especially good about standing zero weather. To be sure, she is frozen to the ground almost every spring, but she promptly sends forth new branches, and the crop of blossoms is as large as it is beautiful. A few of the Hybrid Teas follow Clothilde's example to a greater or less extent, the La France family being among the number. The original

pink La France is a most satisfactory and recommendable rose.

Most of the Tea roses I grow are set in pots that are not too large or too small, said pots being plunged to the brims in one of the garden beds. The soil in the pots is rich and it is kept correctly moist all through the summer. The blossoms, in consequence, are quite satisfactory. At the approach of cold weather the pots are taken up, some of them put down cellar, some in the living rooms, and some given to the neighbors for safe keeping. In the spring, an inventory is taken, the unsatisfactory ones discarded, thrifty

(Concluded on Page 6.)



Hybrid Perpetual Rose.

not rich enough. Soot tea is said to be good for adding depth and richness to the color of the blossoms,

If you live at the North where winters are severe, here is some advice: In buying roses of any class, get the two-year-old kinds if you can, because these are stronger, thriftier, give more immediate results and are better prepared to stand zero weather than one-year-old bushes. I generally give good protection to Hybrid Perpetuals until the third or fourth year; then all but the choicest and weakest are allowed to go unprotected, save for a mulch of dirt and manure drawn up around the base of the plants. This

MARCH.

BENJAMIN B. KEECH.
(Written for Vick's Family Magazine.)

A far off, sobbing echo 'mongst the trees
That nearer, clearer rushes on apace,
And brings with it a being whose rare grace
And wild wood manners, borrowed from the breeze,
Causes slumbering bud and grass sprout to spring up
And bless her advent. In each crocus cup
A mellow gleam of sunshine, warm and clear,
Bursts 'nto glory when she chances near.
O'er wakening hill and meadow land she roams
With her attendants, rain and winds that blow;
She sees the wildwood children, in their homes,
And bids them never life and beauty know.
O, March is rough, but many a joy doth bring,
For she is mother of the virgin, Spring.

RAISING HOUSE PLANTS FROM SEED.

(Written for Vick's Family Magazine.)

For the benefit of others who, like myself, are fond of nice flowering and foliage plants in winter, and cannot afford to purchase all they would like to have, I will tell of my success in raising some choice varieties from seed.

Wishing for several varieties of Chinese Primrose I purchased a packet of mixed seed (that suiting my purse best) and in July, 1900, sowed them, feeling that it would be late winter before I should be rewarded for my efforts, by seeing them in bloom. About a dozen nice plants came up, and grew finely.

One day in early winter a little neighbor, who is a great lover of flowers, was looking at my plants with admiring eyes. Upon hearing an exclamation of delight from her, I turned to the window; and lo! a pink and a white Primrose had each a blossom, the first of large clusters which soon blossomed out fully, their lovely delicately crimped blooms a poem in themselves. Reserving five, each different from the others in color, I distributed the rest among my flower-loving friends.

In the spring of 1901 I again tried my luck in the same way, but with other varieties of seeds, with varying success, and as a result I have a "baker's dozen" of nice young ferns, three Hibiscus (one of them now budded to blossom); one thrifty young Australian Silk Oak, and one Tecoma Smithii. I expect the last named plant to gladden my eyes with its lovely blossoms, this winter. One needs to exercise care and patience; but the reward is ample.

The earth, which should be loose fibrous soil (preferably from the woods), and sharp sand with a little well-rotted manure from the barnyard, should be carefully baked to kill insects and the seeds of weeds. Sow the seeds evenly on top of the soil and pat firmly down; if the seeds are fine, no soil is needed to cover them; larger seeds should be slightly covered with fine soil. Cover the pot or dish with a pane of glass of convenient size, and set in a north or east window; close watch should be kept that they do not become too dry or too moist. The glass can be lifted and the earth exposed to the air if too moist. If there is not moisture enough the pot or dish should be set in a basin or pan of water. Good drainage should always be provided for all seeds sown.

L. F. Brown.

THE WATER LILY AND ITS CULTURE.

Article No. 2.—To Grow in Tubs.
(Written for Vick's Family Magazine.)

The great mass of our people have no ponds, lakes or streams available for growing Water Lilies, and of these a great many do not care to incur the expense or labor of building a tank. Anyone, however, who possesses an ordinary half barrel tub, can have a few water lilies and make that few the most attractive feature in his yard or garden. Procure three oil or wine barrels, saw each

in two making six tubs, cleanse them nicely, and select a warm sunny spot in the yard or garden, elevate one of the tubs about a foot and a half and encircle it with the other five. Prepare some soil by mixing two-thirds good heavy garden loam with one-third well rotted manure. Fill the tubs half full of this, plant the lily roots and cover them an inch deep. Now fill the tubs with water. This should be done in April or May.

A number of varieties would suit the above collection of tubs. Plant an Egyptian Lotus in the upper or central one, with red, white, blue, and yellow Nymphaeas in the lower ones. The spaces between the tubs might be filled with soil and planted with arrow heads, ferns or other moisture-loving plants. The Nymphaeas will all float on the water, while the lotus will rise up five or six feet above, crowning the whole mound with its huge pink blossoms. In such a group we have representatives of all the colors, with a luxury of flowers and fragrance to attract every passer-by from July until frost. A collection of three or four tubs may be had with like effect; or even one

should sow in March, or early April, to obtain much bloom this year. There are a few varieties of water lilies that can be grown quite successfully this way but the great bulk of these plants are propagated by division of the roots. The process of growing them from seed is not very tedious. It can be done in the humblest home as successfully as in the finest conservatory—a bowl of soil and water, with a little heat and light, being the only requisites. Bowls or pans borrowed from the kitchen will answer the purpose. Fill them within two inches of the top with soil of such a nature that it will not become puffy and float when the water is poured on. Sprinkle the seeds on the soil, cover one-eighth inch, and gently fill the bowl with water. Now set in a warm sunny window. They like plenty of heat and light. If given seventy to eighty degrees they will germinate in two to three weeks.

When the seedlings begin to send up leaves to the surface of the water, which will be in about six weeks, transplant them into larger vessels. Give each one a two-inch pot; set in water four or five inches deep if you can. They may remain here until June, when they will be ready to plant into quarters where they are to bloom during summer.

This applies particularly to the tropical or tender Nymphaeas, which are the kinds generally grown from seed. Victoria Regia is started each spring from seed. It will grow under the same treatment as the tender Nymphaeas, except the temperature of the water must be kept close about ninety degrees all the time. Hardy Nymphaeas are usually sown out of doors in March in shallow ponds or tubs of soil and water. Give them rich soil, still water and a sunny sheltered place. Nelumbium seeds should have a hole filed or drilled through the shell to let the moisture penetrate the kernel or they may lie in the water for years without germinating. Geo. B. Moulden.

AN EXPERIMENT WITH SWEET PEAS.

(Written for Vick's Family Magazine.)

Some years since an article appeared in this Magazine advocating sub-irrigation for Sweet Peas. In the article referred to, ordinary field drain tile was used to convey the water to the roots of the plants, and the writer seemed convinced that the results justified the expense. Last year I experimented with this problem, and hoping my observations may be of some value, I venture to give them.

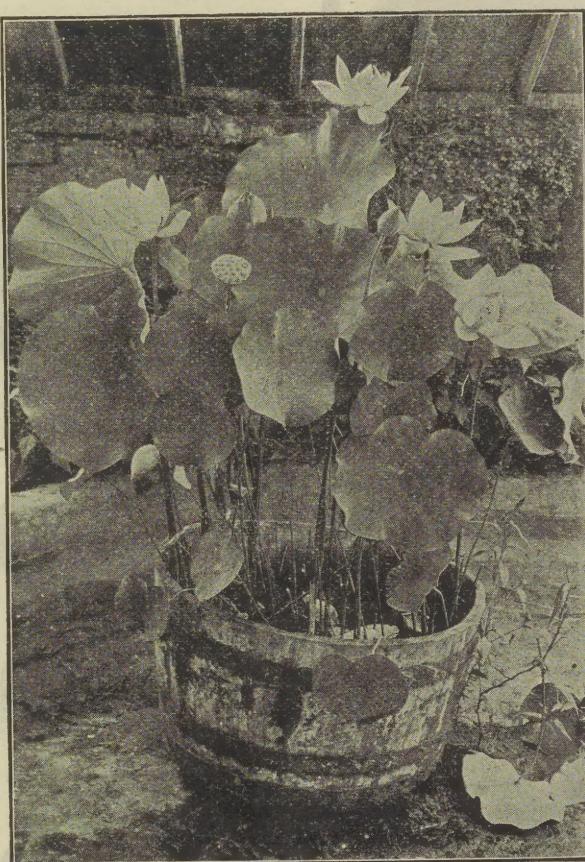
Early in the spring a pipe, about fifteen feet long, with elbows turning upward, and two rows of holes about an inch apart, punched in the under side, was placed in the bottom of a trench twelve inches deep. The pipe was then covered with about three inches of soil. Twelve varieties of Sweet Peas were sown in the trench on March 26th. After the plants were well started the trench was filled in until nearly level with the surrounding soil. When hot weather came on the pipe was filled with water every night and kept filled until morning. The first blossoms were cut June 21st and the last about the middle of October. The vines were very strong growing to a height of over eight feet, and blooming profusely.

About eight feet from this trench five more varieties of Sweet Peas were planted. These were sown about six inches deep, the trench filled when plants were up, and a mulch afterwards given. None of these varieties was satisfactory; the vines were weak, small, and produced but few flowers. I am convinced that Sweet Peas need plenty of water; that the proper place to put it is at the roots, also that a mulch of grass or litter is of benefit during extremely hot weather.

E. F. Rowe.

GROWING WATER LILIES FROM SEED.

Those who desire to grow water lilies from seed,

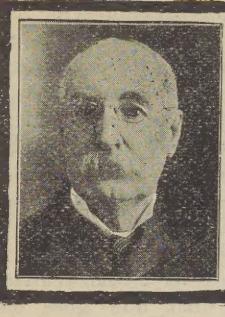


Egyptian Lotus.

containing a Lotus or Nymphaea, will make a greater show on the lawn than the same amount of time and money invested in any other flower.

No cultivation will be necessary except to keep the tubs full of water. The amount of water consumed is very small—the greatest loss being caused by evaporation. In winter, if hardy lilies have been grown, any protection that will prevent the tubs from bursting will preserve the roots. Usually in the North the tubs are removed to a cellar or sunk in the ground and protected with leaves or litter. Tropical varieties, of course, must have warmer quarters.

Any person however busy, can find time to cultivate at least one tub of water lilies, and any person however blind to the beauties of other flowers will be attracted by them.



FLOWER GOSSIP

By Eben E. Rexford.

TRAINING PLANTS.

The Abutilon, Chrysanthemum, Fuchsia, and many other shrubby plants suitable to culture in the window garden, can be trained in various ways to suit the taste of the owner. You can have them like miniature trees or as shrubs. If you prefer the tree shape let a straight stalk grow to the height of two or three feet. Allow no branches to start along this stalk. When it has reached the height where you want the head to form, cut off the top. In a short time branches will be likely to start along the stalk, but all these except a few at or near the top must be rubbed off. Let those which you leave make a growth of four or five inches, and then nip the ends of them. This will induce branches to start at nearly every leaf. By keeping up the nipping, or pinching-in process, you can force as many branches to grow as will be required to form a bushy, compact head. The Abutilon and Chrysanthemum are especially adapted to this manner of training. If you prefer a shrubby plant with branches from the pot up, you must begin your pinching-in while the plant is small. Nip off the top when five or six inches of growth have been made. Four or five branches will probably start below. If these are nipped off when they have grown long enough to have half a dozen leaves each, they will throw out branches, and thus you secure a bushy plant, which, to my mind is more satisfactory than one trained in tree form.

Sometimes a branch will outgrow the other branches on a plant. As soon as you notice an inclination to do this, check it by nipping it back. This will give the other branches a chance to catch up with it before it gets a fresh start. It may be necessary, at times, to cut off the branch; it is better to sacrifice it wholly than to allow it to take to itself the greater share of the vitality of the plant.

Geraniums, unless given a good deal of attention in the first six months of their growth, will become awkward looking plants, and it will be impossible to bring them into good shape later. You must begin with the young plant, if you want to make it symmetrical. Symmetry is not the only result of proper pinching-in. If you force it to branch freely, as you can by persistent nipping off the ends of the branches until you have a dozen or more starting near the base of the plant, you will have much greater flowering surface than a plant left to train itself will ever develop.

FERTILIZERS.

My experience has convinced me that the best fertilizer for all kinds of house-plants is cow manure, mixed with the soil or given in liquid form. I have never tried it on any plants that did not seem grateful for the application. It produces quick results on such plants as the Geranium, Fuchsia, Abutilon and others of that class, giving large, rich, dark-colored foliage and fine flowers. Where cow manure is mixed with the soil in which a plant is potted, it will not be necessary to apply it in liquid form until you feel sure that the plant has exhausted the fertilizing element. If liquid

manure is given once a week, it will not be necessary to repot plants oftener than once a year. The proper time to apply liquid manure in order to secure best results, is when the season of bloom is about to begin. It tells on the flowers. You not only get larger and finer ones by its use, but more of them, and the plant does not become exhausted, as it would be sure to do if this fertilizer were not given.

Liquid manure is obtained by pouring water over dry manure and extracting its richness by soaking or leaching. When you apply it to the plants dilute it until it is about the color of tea. Apply it to plants which are gross feeders, like the Chrysanthemum, as often as twice a week, if potted in soil of only ordinary richness. For Fuchsias, give it twice a week, but let it be weak. Except in the flowering season, Geraniums will not require it oftener than once a week. Do not give it to a resting plant or to a sickly one. It will excite the resting plant, and efforts in the direction of growth will be made prematurely. It will act on the sickly plant very much as rich food acts on a debilitated person. It hastens disease instead of helping the plant get well. Let your plants be growing or blooming when you apply it.

It is often impossible for plant growers to procure fertilizers such as I have spoken of above. Guano is a good substitute if used carefully. A large tablespoonful is sufficient for one gallon of water. Stir till well dissolved before applying, and be careful not to get any of the liquid on the leaves. Do not use more than the proportion named, or you may injure your plants, and do not apply it oftener than once a week to the majority of plants. Such hearty eaters as the Chrysanthemum will be better suited with a semi-weekly application. If you have hen manure it can be used instead of guano, following the directions given for the latter in all respects.

Ammonia is a good stimulant for some plants. One fourth ounce of pulverized ammonia is sufficient for a gallon of water. A teaspoonful of liquid ammonia can be used to the gallon, if more convenient than the dry ammonia.

Bone meal is better than ammonia, for the latter is nothing but a stimulant or tonic, while the bone contains elements of nutrition. Instead of being simply a tonic it is a good food, and plants, like persons, should be developed by nutritive treatment rather than spurred to make extra efforts by mere stimulation. Stimulants produce a temporary effect, while fertilizers give good permanent results if used intelligently. In using bone meals, put a tablespoonful into a gallon of warm water. If you have no cow manure to mix with your soil when potting or repotting plants, use bone dust in its place. A teaspoonful to a seven or eight inch pot will be sufficient. Bowker's Food for Flowers is an ideal plant-food, especially effective on roses.

DISEASED PLANTS.

When a plant that has been making satisfactory growth suddenly drops its leaves, you may be quite sure that its health has been injured in some way. Possibly the cause may be the red spider, but if, after examination, you find none of these

insects at work, you will be obliged to look in other directions for the source of the trouble. Before beginning any kind of treatment, try to find out what has caused the difficulty. When you have ascertained that, you can go to work intelligently. If the pot is too large, put the plant in a smaller one. If too much water is retained in the soil, the drainage must be defective. If too strong a fertilizer has been given, repot the plant, giving it a soil of moderate richness. If the heat of the room is too intense, temper it in some way and give plenty of fresh air.

In treating a sick plant let the soil get quite dry, then repot the plant. Give a small pot and remove all the diseased roots. After potting the plant, water moderately and wait until it shows signs of growing before giving more, unless the soil is likely to get too dry.

If the trouble comes from worms in the soil, take a piece of fresh lime as large as a teacup, and dissolve it in a ten-quart pailful of water. When dissolved, pour off the clear water and apply to your plants, giving enough to thoroughly saturate the soil. This will almost always drive out or kill the worms and seldom injures the plants. If one application is not sufficient, repeat it. Most plants are usually benefitted by the use of lime water occasionally, as there is an element of plant growth in the lime. I depend on this in fighting the worms, and it generally gives complete satisfaction if used as directed.

VERBENAS FROM SEEDS.

Verbena seeds are hopeless looking things, but an hour's soaking in tepid water helped matters considerably. Then they were carefully planted, one in a place, in a box of sifted soil in which was mixed a goodly amount of sand, and kept moist and warm. In about two weeks they were nearly all up.

Spring was so cold and late—heavy frosts coming in June—that I had much trouble with seedlings of all kinds, but when I was ready to transplant my Verbenas there was just a baker's dozen of nice thrifty plants. I set them in a rich mellow soil, in a sunny location, and just let them grow.

In August the first one opened. The center was white, shading to an exquisite blush pink at the edges. Then came a clear bright red, a rich dark purple with large white eye, a beautiful lavender, a creamy white, a curiously striped one in shades of magenta, a soft rich rose with snow white center, lighter shades of pink and white, and at last a clear dark glowing red like a bit of fire. And nearly all were deliciously scented. They grew with astonishing rapidity, great rank vines, crossing and recrossing, taking root here and there, and holding out everywhere great heads of wondrous bloom.

"I never saw such handsome Verbenas anywhere," was the verdict of all who looked at them. They made lovely bouquets, lasting two or three days in water. And they were the hardiest flowers I had, withstanding the early October storm and freeze that destroyed everything else, and still remaining green and fresh when pulled for "mulch" in December, though having too little sunshine to bloom. *Emma B. French, Oregon.*

A New California Industry.

California, the land of large trees and lofty rugged mountains, of vast acres of orange groves and barren cactus-covered deserts, contains the African ostrich. For upwards of fifteen years this creature has thrived in the balmy atmosphere of California, enjoying itself on the green alfalfa and multiplying religiously for the benefit of a number of ostrich farmers. It has delighted the eyes of hordes of tourists, who come every year to see the wonderful sights of the Golden State. It is only of late that capital has been directed toward the ostrich, the consequence whereof is the existence of an ostrich trust at Phoenix, Arizona, where are collected some six hundred ostriches, by far the larger portion of those in the country; and it has come to pass that no ostrich can be sold in the United States without reference to this monopoly. It would require a Napoleon of finance to figure accurately the prospective profit of the ostrich trust of Arizona in the years to come. Even the present time affords some good pickings for the California ostrich farmers; the lovely boas, capes, tips, and plumes, made from the wings and body of the ostrich are sent all over the country; indeed it is conclusively and perhaps reasonably stated by the ostrich farmers of California, that the ostrich feather fresh from the native American ostrich, instinct, if it may so be termed, with the life of the bird, is a more lasting affair than that article from the Cape which has lain for months on the wharves at Table Bay or in London warehouses, awaiting the periodical auctions that affect the feather trade. However this may be, the supply and trade in native ostrich feathers is on the increase. Added to this is the revenue from the admission fees; no visitor to California now thinks of leaving the State unless he has seen the ostriches, so well have these exhibits been advertised to the traveling world.

And a most curious picture to the tourist is the California Ostrich farm. There he beholds the ostrich in all its stages of life, from the frisky infant ostrich chick who has just made his exit from the immense ostrich egg shell, to the patriarch of some thirteen years of age, who proudly meanders up and down the pen provided for it. Now and then a plucking is advertised, when each bird is surrounded and captured in a corner of its corral and its head enveloped in a hood; thus treated it becomes as tame as a cow, and will submit with very little objection to the removal of that beautiful plumage that delights the eye of the ostrich farmer, fills his pocket with cash and furnishes ample food for admiration to the many ladies who visit his institution.

The ostrich is a multiplier. The average amount paid by the Arizona ostrich trust for all young ostriches is twenty-five dollar each; a pair at the South Pasadena Ostrich Farm has been known to hatch thirty ostriches in one year; this amounts to \$750 per annum income from one ostrich family. Other pairs, however, are not so prolific, or else their eggs are not so fertile, so the number stated can by no means be taken as an average. Accidents will happen in ostrich families; a visitor may alarm a hen ostrich and cause her to tread upon one of her eggs; frequently the

belligerent and rapacious male ostrich eats the eggs of the hen; and rain sometimes so chills a whole nest full of eggs that a loss of several hundred dollars may result. Then come the dangers of disease, from which as yet happily the California and other ostriches have suffered very little. At the Cape, in Africa, the scene of the greatest activity in ostrich cultivation in the world, where are three hundred thousand domesticated ostriches, a peculiar epidemic often carries away hundreds of young chicks. If fed on green grass there is in America very little trouble with the young of the ostrich population, but if dry food only is supplied to them their little livers refuse to work and the consequence often is a dead infant ostrich. Of course the advanced and progressive American ostrich farmer has warmed incubators and brooding boxes provided for the young ostriches and takes every care to protect them, allowing them to wander about the lawns of the ostrich farm only when the gentle California sun, which shines daily almost throughout the year, pours down his cheerful and lifegiving rays.

ostrich, this boon to civilization—for it was at Algiers in Africa, under the control of France, that the initiatory experiments with wild ostriches were first undertaken—is established an American ostrich farm, giving to the world one more illustration of American experiment and enterprise.

The lady is now probably living who will very likely see the entire American ostrich feather demand supplied by the American ostrich solely. When that time comes the wildest dream of the pioneer ostrich farmer will have been realized and the two million dollars that now goes over to London from New York every year in exchange for Cape ostrich feathers will remain at home. This exhibit at Nice may be considered a straw indicating the great stream of American industry in this direction.

E. H. Rydall.

NOTES FROM A NORTHERN ROSE GARDEN.

(Concluded.)

correctly, the Tea rose does well when grown in the above manner. There is one or two things to look out for, however. Be sure that the soil in the pots does not dry out. Sink a tin can, with holes in the bottom, down at the side of each plunged rose, and into it pour water as the plant needs it. Give daily attention, if possible, to see that they do not lack for moisture. It is easy to gauge the amount of water so they will have a correct supply.

Have the soil rich. Be on the lookout for mildew, aphis, and rose worms and do not let them get ahead of you. Have a remedy handy. Give the pots good drainage; roses cannot do their best without it. Set the plants in their dishes early enough to give them a good start. Gradually accustom them to the bright sunlight and outdoor air—that is, do not plunge them in the ground as soon as set out. Keep them on a semi-sunny porch during the day until well into May. They do better where they can be shaded during the hottest weather. The east side of a house is usually a good place to grow roses planted in the manner discussed, although they will do well in the direct sun if daily attention is paid to watering and other essential requirements.

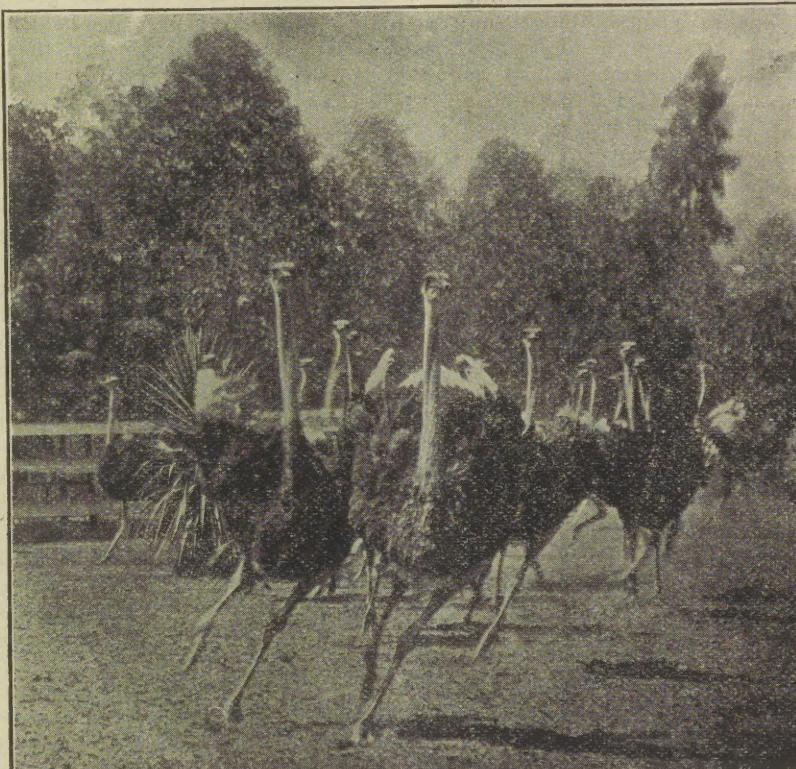
MARCH.

I bring the gold-dust to the sallow
And cresses to the runnels shallow;
Gold kingcups to the marshy hollows
And swallows.

My sign's the Ram with golden fleece;
I break the earth's cold wintry peace
With shining share; I pierce the clods
With lily-rods.

I break the earth with shining share,
I bring the gold-dust to the sallow,
I whisper to the wayside mallow
What pride of purple she shall wear
When June is in the earth and air;
I bring gold kingcups to the hollows,
I heal the brown earth's birthing pain,
I bring the swallow-worts again,
And swallows.

Nora Hopper.



Ostriches Running at Full Speed.

One of the grandest sights presented in California, among the wonders so interesting to the traveler and tourist, is the great salesroom at the Pasadena Ostrich Farm; here are twenty thousand dollars worth of ostrich merchandize—the finest in the land. This spectacle excites the unqualified admiration of the ladies; from here feather goods are mailed to all parts of the United States, six hundred letters a day being received by this establishment.

Not content with exciting public interest and demand in America the leading and pioneer ostrich farmer, Mr. Edwin Cawston, proprietor of the Pasadena Ostrich Farm, has just sent some four dozen adult ostriches to France to be exhibited at Nice, a famous watering place on the borders of France and Italy, near the great gambling resort of Monte Carlo. The feather product of these birds will go to the Paris market, while the money received from admission fees will reimburse the enterprising ostrich farmer for his venture. Thus on the borders of the very sea that bathes the land that gave birth to the domestic

THE MOTHER'S MEETING

By Victoria Wellman.

"God could not be everywhere—so He made Mothers."

MISUNDERSTOOD.

"They do not understand thee, these
Whom God has to thy keeping given?
Let that not fret thee! Some sweet day
The trust supreme for which thou hast so striven
Shall be thine own,
When years go by and they have older grown."

"They see thine every fault? 'Tis well;
Perchance their vision may a mirror be
In which thou canst behold some hidden thing
Thou didst not dream was spoiling thee.
Turn thou thine eye
And search thy heart; thus grow as days go by."

"They hurt thee and they do not seem to know?
The wounds of friends are deep and hard to bear.
And thou canst tell no other friend these things?
There is a Friend e'en this to share.
Sob out thy hurts at His dear feet,
'Twili rest thee so—
Then do thy best; some day they too may know."

MOTHER, WIFE AND FRIEND.

That the duties of each seem distinct we all know and oft-times in straightened, harassed lives they seemingly clash discordantly. Some women are model wives intuitively; they possess a graceful tact which oils the rough spots of domestic life, and wear the crown of love, so secretly and universally craved by every woman, as a due reward. As housewives or as mothers they may be prone to many failings, and as friends to their own sex changeable as the winds of spring, yet they retain what appears to be a magnetic hold upon their husband's hearts.

It is, I know, a popular belief that the way to retain a husband as a lover is to cook beautifully, never grow old, wear a sweet smile as you meet him at the door, and never appear with frizz-pins and torn wrappers even at five o'clock in the morning. Circumstances and individuals differ widely, but I know of men whose affection is not dependent on externals, because their faith clings to a hidden ideal and if that ideal exists in any degree in any woman it will alter unpleasant external surroundings into more pleasant ones.

There is a popular ideal of wifely and maternal duties and the person who is the "soul of honor" perceives her duty to her leal friends. The wisdom of Solomon would be taxed to solve some problems where a peace loving wife is commanded to renounce true friends, or to endure a husband's bad example to her children for whom she trembles, yet wishes not to cast a slur against the father; or, again, a tyrannical husband amuses himself by cutting sneers at the woman who is wife and mother and she sees, in anguish unspeakable, they are imitating the stronger party.

There are two Bible rules fitting these cases, I think. One is, "As far as lieth in you live peaceably with all men;" the other is, "Let no man despise thee." These emphatically should be adopted on the bridal day and, more emphatically, do not mean domestic martyrdom or annihilation—which implies that one party is tyrannical and selfish.

THE UNHAPPY MOTHER.

We have all seen her, caught glimpses of her cross—and a vision of her crown. Not the weak, whining nature, not the selfish or obstinate or quarrelsome, but the truly good, truly tried and virtuous woman. Deceived of the sweetest solace, a husband's sympathy, obliged to smile through tears—for her children. She is often depressed by a feeling of uselessness. Yet home is as dependent on her brave endurance as the universe is upon the love of God. She sees others, free, careless, seemingly great in "missions" and sighs over her drudgery. An absolute need is a daily relaxing time when either in the open air she may muse away the fog of melancholy and receive clearer vision of her "mission" or an interval at home for the heart-touching words of another's inspired thoughts.

Mothers need encouraging; let husbands try a loving word of praise—even extravagantly put—and lend a hand to control the disasters which at times overwhelm an exhausted woman whose bodily and mental state often need just consideration. There is spiritual comfort in the kind, calm tone of a true man—the protector, friend and lover, who is the ideal of every true woman's dreams.

THE MOTHER AS A NURSE.

Just a word to the mothers who live "out a little way" or "on the farm," and to whom the accident of a serious burn is a matter of vital importance—the Doctor is so far away. Twice have I seen and helped treat burns which were nearly fatal, and learned many points. The later knowledge is so valuable I pass it on. Crush eggs quickly and smear them thickly on the burn. Instant relief and no scar is the result.

But often you can not get eggs and something must be done at once. Therefore I recommend to all a salve so magically healing (I have seen its work) that all should have a box in the medicine closet. (Be sure to have a medicine closet.) It is Hood's Olive Ointment. You will be sure to find uses for it besides on burns.

"Ships that pass in the night, and speak each other in passing,
Only a signal shown and a distant voice in the darkness;
So on the ocean of life we pass and speak one another,
Only a look and a voice, then darkness again and a silence."

If a mother is sorely tried or in need, if a true desire to help is any measure of sincerity, let that mother address me for I desire to help where possible. And what lovely words some dear grandmothers might write to the Mother's meeting. There's nothing equal to experience.

SOME THOUGHTS FOR MOTHERS.

"The discord is within which jars
So roughly in life's song;
'Tis we ourselves who are at fault
When others seem so wrong."

"It is wicked folly to make enemies for the little while we are here."

"I thought of our little quarrels and strife,
And the letter that brought me back my ring;
And it all seemed then, in the waste of life,
Such a very little thing."

"Leave the bitter word unspoken;
So shalt thou be strangely glad,
If there lies no backward shadow
On dead faces, wan and sad."

"She doeth little kindnesses
Which most leave undone or despise;
For naught that sets one heart at ease,
Or giveth happiness or peace,
Is low-esteem'd in her eyes."

MOTHERS AS KIND NEIGHBORS.

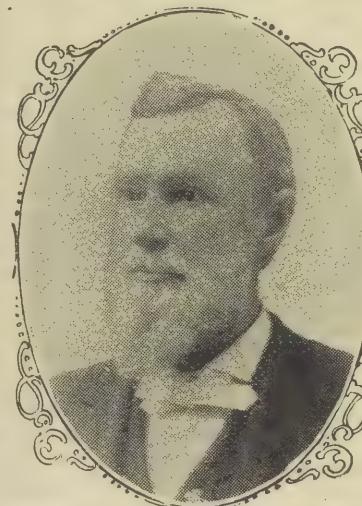
The rural or suburban woman little guesses the loneliness of a city woman's daily life. Artificial amusements in easy reach are no substitute for the breezy little calls of one's neighbors. There are times when sick souls do not crave amusements, but do need quiet, frequent sympathy. It is almost worth while to be ill, if only to experience the kind deeds which it prompts in small places. Food is brought, help given around the house, the children taken away and general well-wishing for recovery is expressed. The city woman's pain must be endured alone. She may die, and few more than notice her funeral on the street.

Kind women—there are such; I know some who would protest against my praise but to whose steady, true, if sometimes stern advice and love, I, a sad orphan, owe my highest ideals. And when great agony had nearly crazed me, a sweet humanitarian saved me by faithful sympathy. Burdened each one was to utmost endurance yet—they cared to help me. Shall I not strive to "pass it on," to sling evidence of this invisible gold of humanity into the frowning face of cynicism which sneers that all are selfish? God reward that good "mother-friend" of my childhood, and fill a measure of supreme content for the friend of later years.

O mothers! let us "lend a hand" to some needy one near by; it may be only a cheery "Good morning," or it maybe personal work—but all unselfish deeds bless the doer and the receiver. We need self-control to be as kindly patient as we desire, and home duties leave us tired to indifference, still kind deeds, kind words are real charities. If nothing more be neighborly and—not a critic.

DOCTORS ENDORSE SWAMP-ROOT.

To Prove what Swamp-Root, the Great Kidney, Liver and Bladder Remedy, will do for YOU, Every Reader of Vick's Family Magazine May Have a Sample Bottle Sent Free by Mail.



A. J. HAILE, M. D.

East Atlanta, Ga., March 1st, 1901.

DR. KILMER & CO., Binghamton, N. Y.
GENTLEMEN:—While it has never been my habit or inclination to recommend remedies the ingredients of which are not all known to me,

it seems as if I should make an exception in the case of Dr. Kilmer's Swamp-Root. My experience, so far as I have tested it in my practice, forces me to the conclusion that it is a remedy of the greatest value in all kidney, liver, bladder and other inflammatory conditions of the genito-urinary tract. I now take pleasure in prescribing Swamp-Root in all such cases with a feeling of assurance that my patients will derive great benefit from its use. I shall continue to prescribe it in other cases in my practice with the expectation of good results.

Very truly yours.

A. J. Haile, M. D.

GENTLEMEN:—I have prescribed that wonderful remedy for kidney complaint, Dr. Kilmer's Swamp-Root, with most beneficial effect and know of many cures by its use. These patients had kidney trouble, as diagnosed by other physicians and treated without benefit. Dr. Kilmer's Swamp-Root effected a cure. I am a liberal man and accept a specific wherever I find it, in an accepted school or out of it. For desperate cases of kidney complaint under treatment with unsatisfactory results I turn to Dr. Kilmer's Swamp-Root with most flattering results. I shall continue to prescribe it and from personal observation state that Swamp-Root has great curative properties. Truly yours.

J. B. Baileor, M. D.
276 9th St., Borough of Brooklyn, N. Y.

The mild and extraordinary effect of the world-famous kidney, liver and bladder remedy, Dr. Kilmer's Swamp-Root, is soon realized. It stands the highest for its wonderful cures of the most distressing cases.

Weak and unhealthy kidneys are responsible for more sickness and suffering than any other disease, therefore, when through neglect or other causes, kidney trouble is permitted to continue, fatal results are sure to follow.

We often see a friend, a relative, or an acquaintance apparently well, but in a few days we may be grieved to learn of their severe illness, or sudden death, caused by that fatal type of kidney trouble—Bright's Disease.

EDITORIAL NOTE—If you are sick or "feel badly," begin taking the famous new discovery, Dr. Kilmer's Swamp-Root, because as soon as your kidneys are well they will help all the other organs to health. A trial will convince anyone.

You may have a sample bottle of this wonderful remedy, Swamp-Root, sent absolutely free by mail, also a book telling all about Swamp-Root and containing many of the thousands upon thousands of testimonial letters received from men and women who owe their good health, in fact their very lives to the great curative properties of Swamp-Root. In writing to Dr. Kilmer & Co., Binghamton, N. Y., be sure to say you read this generous offer in VICK'S FAMILY MAGAZINE.

If you are already convinced that Swamp-Root is what you need, you can purchase the regular fifty-cent and one-dollar size bottles at the drug stores everywhere. Don't make any mistake, but remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton, N. Y.



Conducted by ■ ■
STELLA MARIE ALDERSON

THE BRIGHT EYED CORNER.

THE FAIRIES' TEA.

Five little fairies went out to take tea
Under the shade of a juniper tree;
Each had a cup from an acorn ball cut,
And a plate from the rind of a hickory nut,
And the table was spread with a cloth all of lace
Which the spiders had woven the banquet to grace.

Oh, such good things as they all had to eat;
Slices of strawberry—my, what a treat!
Honey the sweetest the wild bee could hive,
And a humming bird's egg for each of the five.
Then they pledged their host's health in their
favorite drink,
Which was—well, what was it? Can anyone think?
Why, the dewdrop that comes from the heart of
the rose
Is the drink of the fairies, as everyone knows.

Selected.

THIS AND THAT.

Are you true to your chums, young friends, or
do you change them every week and talk naughty
things about your last chum to the new one?

I have been reading about a brave boy, one
whose idea of honor was perhaps too strong to be
exactly practical, but oh, so unlike some boys that
it seems good to hear of one such soul!

He lay dying in the hospital and refused to tell
the name of the companion who pushed him to his
death. "Dont' cry, mamma," he said, after his
leg was amputated. "It wouldn't be fair to tell.
He didn't mean to hurt me." True to his chum
he died clinging to his mother's hand. Do you
know a braver boy?

"DIDN'T MEAN TO."

Is that any excuse, boys? Did it save his life?
Did it stop that mother's tears? What good such
a brave boy would have done when he became a
brave man—all undone by a rough, careless, (selfish?) boy who "didn't mean to!" Was he ever
able to forget it, I wonder?

My attention has often been called to the cruelty
of some boys in the public schools. Away from
the eyes of their parents they are never happy un-
less engaged in tormenting the helpless or insult-
ing and disobeying their teachers. One such boy
recently caused a nervous, high-strung, but refined
boy to become in serious danger of brain fever.
He, the leader, found others to help him in the
wild teasing fight—more shame to them all—and
when asked to explain why he did so replied,
"Just for fun—to see him get mad." Remember,
he knew the boy's condition and when serious re-
sults happened had not so small a spark of real
manhood as to even look ashamed. He had before
this caused a little boy to fall nearly dead of ex-
haustion—a boy he knew had serious heart
trouble.

What is this thing (I hate to call him a boy or
imagine what a wicked man he will be)—is he not
a genuine coward? Notice; he chose the weakly
ones and induced others to help him. Alas! he

was not expelled from school. Little will he
care for his teacher's forbearance.

My bright-eyed girls! You have made me
proud. How nobly you have worked and sent so
many nice clubs. All have chosen good books—
which proves you love good things in reading, a
sure sign of good character. You should see how
pleased I am over your little letters! It brightens
a whole day to be remembered so nicely.

Tena Timm:—Niece Tena, your letter was
"short and sweet." You see I am answering be-
fore the year is out, just to tell you to write again.
Help me to make the young folks love the Bright
Eyed Circle. If they do not I shall be a sadly
discouraged Auntie.

Sarah Richardson:—You write in a pretty,
easily-read hand—just like a young girl about
your own age who lives with me—must be your
"cousin" since I am your "aunt"—and that is a
good idea about music lessons; you will be less
liable to overwork your nerves if they come only
every other week. Some day when you can play
beautiful music you will not regret the practice
hours gone by.

Laura Conrad:—Niece Laura, I am proud of you,
my dear. Such a list of names is good work and
it does credit to our Bright Eyed Circle. Do you
know, the girls are doing much better work than
the boys! Are they too busy skating and coast-
ing? Your mamma loves my favorite flowers.

Florence Neff:—Niece Florence, if I only
had a snap shot at those cute, waddling ducklings
and puffballs of chicks! Young turkeys are so
awkward!—But they get over it before Thanksgiving.
I hope you may earn a whole shelf full of
books.

Lavern Burgan:—Niece Lavern, you are a real
helper, the youngest worker, yet have sent
a large list. Eight-year-old girls seldom do so
well. Write again, another bright little letter.

Who can raise the largest list? How proud
Aunt Stella will be of that one. It's so easy to do it
now while Vick's Magazine is so cheap. So start
at once. You can get one book for every two sub-
scriptions you secure, or a year's subscription to
the American Boy for four subscriptions. The
books are advertised on the inside of the back
cover of the January issue under the head of
"Standard Series."

FIRST LION BORN IN NEW YORK.

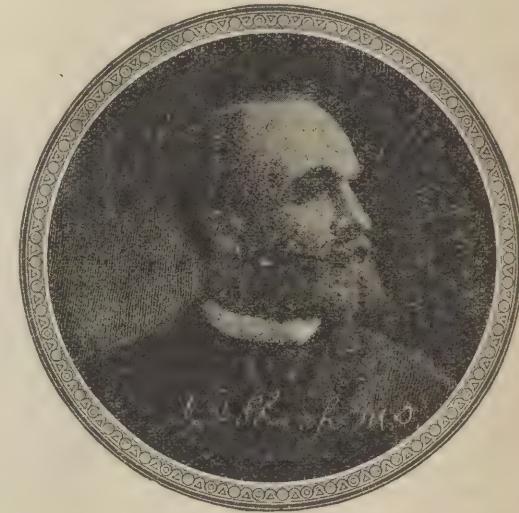
(Written for Vick's Family Magazine.)

It was in Madison Square Garden, in a cage of
the Barnum-Bailey show, April 20, 1897, that the
first baby lion born in New York, delighted all
beholders. His mother's name was Nelly, and
how she loved the tawny yellow muff was proven
by the care she bestowed upon her offspring.

Most lions, like kittens, do not get their eyes
open under nine days but Nellie's baby was tak-
ing notice of things in less than twenty-four
hours, and growling and spitting when things did
not go to suit his majesty, for he was a born king
of beasts. His father's name was Frenchy and the
first journey the baby lion took was across his own
cage up to the bars of the parental habitation.

Nelly saw him in time, and gathering him up by
the nap of the neck she carried him to the farthest
corner of her own cage, and gave him a gentle pat
to teach him that there was his place. Nelly
hated tigers and the baby was early taught to hate
them also. How he would growl and rage at sight
of his natural enemy.

Ruth Raymond.



Ask for a Book

Send No Money—Simply Learn
If I Know How to Cure You

I will mail the book wanted if you will send
me your address. Don't let doubt or prejudice
keep you from asking for it.

With the book I will send an order on your
druggist for six bottles Dr. Shoop's Restorative;
and he will let you test it a month. If satisfied,
the cost is \$5.50. If it fails, I will pay your
druggist myself.

No other physician ever made such an offer;
none ever will. I do it because I have discovered
a remarkable remedy, and millions need it. I
want them to have it.

It is a treatment that strengthens the inside
nerves. It brings back the power that operates
all vital organs; the only power that can ever
make them strong. I have furnished the remedy
to over a half million people on these terms, and
39 out of each 40 have paid for it because they
were cured. I will rely on your honesty; and if I
fail, not a penny is wanted.

Won't you write a postal to learn about a rem-
edy like that?

Simply state which book you want, and address	Book No. 1 on Dyspepsia.
Dr. Shoop, Box 424	Book No. 2 on the Heart.
Racine, WIs.	Book No. 3 on the Kidneys.
	Book No. 4 for Women.
	Book No. 5 for Men. (sealed)
	Book No. 6 on Rheumatism.

Mild cases, not chronic, are often cured by one
or two bottles. At all druggists.



THE NOBLE NATURE.

It is not growing like a tree
In bulk, doth make man better be;
Or standing long an oak three hundred year,
To fall a log at last, dry, bald and sere;

A lily of a day

Is fairer far in May,
Although it fall and die that night—
It was the plant and flower of Light.
In small proportions we just beauty see;
And in short measures life may perfect be.

B. Jonson.

Every day we are becoming wiser as to the proper way of selecting our food. The palate is no longer the arbiter of what to eat, but food values as bone and tissue builders, as repairers of waste, and suppliers of heat, are carefully considered. To supply heat, fat is necessary, and may be obtained from meat, butter, or whole milk; that is, unskimmed milk. It is an unfortunate fact that most children dislike fat meat, in that case they should be urged to eat butter freely, even if the price of it does soar skyward, for the very last place to economize is in the food supply.

Fat salt pork delicately cooked, with the gravy which has fried out during the cooking, and baked potatoes, is by far too tasty a dish to be treated with the contempt it often receives. It does not need a New England education to appreciate the delicious "crackling" justly celebrated by Charles Lamb, and which should be found on every properly roasted rib of pork. In fact pork seems to be the very last meat which we could banish from our bill of fare, though too much pork may become an evil. So may too much partridge. I believe the man who wagered he would eat two a day for forty days did not succeed.

Guinea hens are now often found even in the markets of small towns. They have much to recommend them. They are reasonable in price have a quantity of fine flavored white meat and make an agreeable variety at a time of year when poultry is high. Yet to make them really delicious we have to turn to our friend the pig once more and bind long slender strips on the guinea-hen's breast for the meat is apt to be dry. There is one more point about these birds: you do not want them to hang too long; when they do, they acquire a bitter flavor that is not pleasant.

We have spoken before of the value of nuts as food; it is the oil they contain which makes them so useful. Another food product which we Americans use too sparingly, is suet, a form of fat particularly adapted to our winter diet. If more of it were eaten, there would be fewer "pasty-faced" women among us, a reproach to which our English cousins are not open. They know the value of suet and use it freely. In preparing suet the membrane should be carefully removed; it should be chopped in a cool place, and sprinkled with flour so that it will not stick together.

The most familiar way of using suet is in a pudding, and no reader of Dickens' books can fail to remember how often he mentions this favorite dish. The following receipt is a good but simple one, and may be served with a hot foamy sauce, which is improved by a little cooking sherry:—Take one cupful each of molasses, milk, stoned raisins, and suet chopped fine. Three and one-half cupfuls of flour, one teaspoonful of soda and one of salt. Mix together salt, flour and suet. The molasses and milk should be stirred together, soda added and then the flour mixture. Make a stiff batter, not a dough, and pour in your raisins well floured, stirring them through the batter. Put in pudding mold or deep tin and steam for three hours. This pudding should be deliciously light.

Then there is also the Baked Suet Pudding, hardly less esteemed than the steamed. In this case you use as before one cupful of chopped suet. Add two cupfuls of flour and one teaspoonful of salt. Mix with water to the consistency of a good batter, and stir in two cupfuls of tart apples chopped. Put in a dish and bake an hour. Serve steaming hot, and use for sauce, sweet cream and sugar. Always remember that every dish compounded with suet must be served piping hot. Luke warm suet is a distasteful thing.

An old fashioned dish that used to be held in high esteem is Hog's Head cheese. It is simple to make, for one may buy the faces at any market. Take these faces and boil them till they are quite tender, and the bones so loose that you can easily pick them out. Get them all out, even the smallest, and lay the skins on a cloth (cheese cloth is best), in a deep dish, the outside of the skin next the cloth, as you would line a dish with pie-crust. Season the meat which came from the faces with pepper, salt, sage, thyme and all-spice. Spread it upon the skins, and tie them up as you would a dumpling. Put it under a weight for a couple of days, and then it is ready to eat.

I have been asked to give some way of using peanuts, besides chopped and mixed with sugar or salt as a filling for sandwiches. The following is a Southern receipt for peanut cakes. They are very delicate, particularly when made of the small thin shelled Spanish peanut. Remove the shells and inner husk from a pint of freshly roasted peanuts. Pound them well and add a pint of granulated sugar. Beat the whites of five eggs, and add very slowly the sugar and nuts. Drop in

spoonfuls on a greased tin and bake in a slow oven.

Another way of using nuts is in the plain rice or bread pudding, instead of raisins. At almost every grocery store they keep nuts ready shelled. For five cents you can get enough for two puddings, and they make an agreeable variety. For use in this way any kind of nut is better than peanuts. Pecan is perhaps the most tasty. If you want to particularly please children, add nuts to the plain puddings, do not sweeten them as much as usual, and add a sauce of hot maple syrup. A simple way to make it is to buy the sugar in bulk. Melt down a cupful of it with a cup of water. Let it boil about five minutes. Keep it in a pan of hot water till you are ready to serve it, and then stir in half a cup of milk, or cream.

A very plain pudding can be quite dignified by its sauce. Half a cup of jelly of any flavor may be stirred till quite smooth. Then beat into it lightly the whites of two eggs which have been whipped to a froth. This sauce has the merit of looking very pretty as well as tasting well. Even the juices of canned fruits can be made into palatable sauces by boiling and adding a little arrow root which has been moistened with water. If these are from home-made canned fruits you generally do not need to add a little sugar. Just now it seems to be the fancy to use hot sauces with cold puddings, and cold hard sauces with hot puddings. It began a couple of years ago when hot chocolate sauce was so much used with ice-cream, and has now extended to puddings of all degrees.

To return once more to our first subject, fat, we may well be surprised to learn how beneficial in cases of pulmonary consumption a treatment of mixed fats is found to be. The fats are reduced to a liquid, which is taken internally by the patient. The experiments regarding the use of this new formula have been carried on at the New York Post-Graduate Medical School. So far not one failure is announced and the experiments have been going on several years. The exact formula has not been given to the public, but it is known that the ingredients used are beef fat, peanut oil, oil of cloves, and cocoanut oil. There have been fifteen patients reported well so far, and a number have reported that they are in good health, have gained in weight, or remained stationary. It seems a simple method of combatting a dread disease, and one that can be applied at home.

DON'T MISS THIS BARGAIN

You will never find another like it—We offer you Green's Fruit Grower, the best, handsomest and most helpful publication of its kind (recently improved) also several other good journals at a price far below what you can obtain them for elsewhere. Here is the list—Vick's Family Magazine one year; Green's Fruit Grower one year; The American Poultry Advocate one year; Up-to-Date Farming and Gardening one year. A total value of \$1.75 for only 55 cents. Fill in the following; blank plainly and mail to us with 55 cents at once.

Enclosed find 55 cents for one year's subscription to Vick's Family Magazine, Green's Fruit Grower, American Poultry Advocate and 3 months subscription to Up-to-Date Farming and Gardening and New Ideas as per your offer.

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WESTERN NEW YORK
HORTICULTURAL SOCIETY.

By Florence Beckwith.

The forty-seventh annual meeting of the Western New York Horticultural Society was held in this city January 22 and 23. On account of a severe snow storm, the attendance was not as large as usual, but this in no way detracted from the interest of the meeting, which, in point of practical papers presented and subjects discussed, was one of the most profitable ever held by the Society.

A list of questions bearing upon subjects of interest to fruit growers is always a distinguishing feature of the meetings of this Society, and in the free discussion of the matters thus presented, the members perhaps derive as much benefit as from the carefully prepared papers which are read, for the answers come from those who have had practical experience and are sharp, concise, and right to the point.

An interesting feature of the meeting was the presentation of Barry gold medals to Mr. Charles G. Hooker and Messrs. John Charlton and Sons for originating new and valuable varieties of fruit, the former having produced the "Perfection" currant and the latter the "Charlton" grape.

A fine display of fruit was made by the Geneva Experiment Station, Messrs. Ellwanger and Barry, and others, and included apples, pears and grapes. Lack of space prevents a full report of the meeting, but a few of the salient points of some of the papers and answers to important and interesting questions are given.

In his paper on "The Relation of Cold Storage to our Home and Foreign Markets," Hon. George T. Powell, of Briar Cliff Manor, N. Y., spoke emphatically on the desirability of shipping fruit direct to European markets. When repacked in New York, as has been the custom, failure of the fruit to reach its destination in good condition has been an almost universal result. Large amounts of capital are being invested in cold storage plants, and it is only a question of time before cold storage houses will be established in every fruit growing district. It is going to be possible to store strawberries, and other berries, currants and cherries from seven to ten days before putting them on the market, thus preventing glutting and consequent low prices. Apples which have been kept in cold storage should not be taken directly into a very warm temperature. If those kept at a temperature of thirty-three degrees were taken out and kept at a temperature of about forty degrees for two days, they would come out fresh, crisp, solid, and without loss of color. One of the greatest mistakes made by fruit growers is to keep apples on the ground after picking. When apples are spread on the warm ground the process of ripening is hastened. The fruit should be put into barrels when taken from the tree, placed in cold storage, and shipped at the proper time. From his own experience he was satisfied that the continuous use of crimson clover in an apple orchard had a tendency to deteriorate the keeping qualities as well as change the color of some varieties, such as the Baldwin.

"New Ideas in Strawberry Culture," by Hon. R. M. Kellogg, of Three Rivers, Mich., was one of the most interesting papers presented. The speaker said that the same principles should be acted upon in the propagation of strawberries as in breeding stock; *i. e.*, only the very best and strongest vines should be used in propagating. He characterized fruit growers as being fifty years

behind stock breeders in regard to this principle. The first plant on a runner will be strong and healthy. In preparing land for strawberries, Mr. Kellogg sows corn very thickly the previous season, mows it, and uses it as a mulch on his beds. The land is put in the best possible condition, and only strong and tested varieties are used. The planting is done by hand. Out of 180,000 plants set out last year, only half a dozen died, though it was a very unfavorable season for fruit growers. He does not cultivate in wide matted rows, but in hills or hedgerows, setting thirty inches apart. Brandywine and Warfield were mentioned as popular varieties over a wide range of country, but it was impossible to recommend any particular kinds, as some would do well in certain localities and be utter failures in others. He had found Senator Dunlap, Kansas, and Clyde good varieties. The Atlantic had rusted and failed in Michigan, though it had done well in other states.

In "Fertility for Fruit Growers," Dr. W. H. Jordan, Geneva Experiment Station, advocated careful tillage for the purpose of overcoming the capillary properties of the soil and consequent loss of moisture. Cultivation of the soil should be begun at the very earliest date possible without producing a condition unfavorable on account of over wetness. Judgment should be exercised in determining whether loss of water should be discouraged or encouraged. Cultivation immediately after a rain was profitable. Stir the ground thoroughly three or four inches deep. He did not approve rolling the ground, as under most circumstances it tended to increase the loss of moisture; cover crops might also rob the fruit plants of much needed moisture. Lack of water is a more serious handicap than anything else in the cultivation of fruit.

Professor I. P. Roberts, College of Agriculture, Cornell University, spoke on "Tillage and Cover Crops." One of his most suggestive ideas was that fruit growers should plow in the fall; in this way the soil would freeze deeply and thus be lifted up and loosened, overcoming the wasteful loss of moisture which is consequent on a closely packed soil. He said that cover crops might, in a measure, take the place of fertilizers and manures, but they were not a universal panacea for all deficiencies in the soil.

Mr. Kellogg advocated cultivating orchards all the spring; he sows a cover crop of oats in the fall; in the spring they are dead and can be plowed under. The oats protect the roots of peach and other trees.

Mr. L. Woolverton, of the Ontario Fruit Experiment Station, spoke of his experience in packing and shipping fruits to foreign countries. He advocated packing the best grades of apples in boxes, and thought it well to have them guaranteed as to quality. In shipping fine fruits, he advised wrapping in wax and manila paper; for ordinary export trade thought manila paper sufficient. Mr. Woolverton, exhibited a box which he had found well adapted in size and manner of construction for packing apples for exportation. He thought the barrel still the best package for common home market.

Professor M. V. Slingerland, of Cornell University, in the report of the committee on Entomology, said that the Palmer worm, which did considerable damage in 1900, did not appear in 1901. It had, perhaps, gone into retirement for another fifty years. The canker worm was less in numbers in 1901, on account of climatic conditions and the use of spray pumps. The Hessian fly probably reached its climax in 1901, when it took over half the wheat crop and did damage to the amount of more than \$3,000,000. Late sowing will probably keep it down. He advised sowing a

narrow strip of wheat in August for a trap. The 25th of September is perhaps as late as it is safe to sow the main crop in this state. In no year in history had the stink bug done so much damage as in 1901. Hand picking of the bugs and eggs in the early spring is the best remedy.

(To be continued in the April issue.)

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We can furnish you more good literature on fruit growing for the money than you can obtain anywhere else in America. We will send you the Western Fruit Grower, Green's Fruit Grower, and Vick's Family Magazine each one year (total value \$1.50) for only 65 cents. You cannot afford to miss this great offer. Send your subscription at once and tell others about it. If you will get three to accept this offer sending us the money (\$1.95) we will send you the club for your trouble.

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LOS ANGELES

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**VICK'S
FAMILY MAGAZINE**
March, 1902

Published by VICK PUBLISHING COMPANY.

FRANCIS C. OWEN, Pres. C. E. GARDNER, Sec.—Treas.

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Vick's Family Magazine is published the first of each month. Should subscribers not receive their magazine promptly they will confer a favor by giving notice, thus enabling us to send another copy.

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Send Money by registered letter or in any safe way but do not send stamps unless absolutely necessary. Express orders cost no more than postoffice money orders. They can be procured at any express office and we prefer them. Make money orders payable to Vick Publishing Co. Checks accepted.

Please Notice. If this paragraph is marked, it is to notify you that your subscription expires with this issue. Let us have your renewal at our special rate of five years for \$1.00. We are confident you will be pleased with Vick's in the future. As it is our custom to continue sending the magazine to all subscribers until ordered discontinued, you will still receive it regularly, but we hope to receive your renewal fee by return mail.

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If there comes a little thaw,
Still the air is chill and raw,
Here and there a patch of snow,
Dirtier than the ground below,
Dribbles down a marshy flood;
Ankle-deep you stick in mud
In the meadows while you sing,
"This is spring."

C. P. Cranch.

The new magazine is a bright, spicy little journal.—H. F. F., Pulaski, N. Y.

In any change of address, always give the old as well as the new one.

Our family could not get along without Vick's Magazine.—M. L. K., Longtown, S. C.

That is a good book which is opened with expectation and closed with profit.—A. Bronson Alcott.

We have taken the magazine a year and like it very much.—Mrs. L. J. P., Hamlin, N. Y.

"In our everyday life we are shaping the character which will determine what our actions shall be in times of crisis. Heroes are not made on battlefields."

The magazine is a welcome visitor at our home, and very useful, too.—J. DeS., Dillman, Wis.

"Well, trials are the portion of mankind and gardeners have their share, and in any case it is better to be tried with plants than persons, seeing that with plants you know that it is you who are in the wrong, and with persons it is always the other way about—and who is there among us who has not felt the pangs of injured innocence and known them to be grievous?"—Elizabeth in Her German Garden.

The New York State Fruit Growers' Association and the Western New York Horticultural Society, at late meetings, passed resolutions denouncing all projects for irrigating any portion of the public domain at the public expense.

I have taken the magazine for a number of years and like it very much.—Rev. W. J. F., Essex, Ont.

A subscriber asks for a remedy for the Aster beetle. This insect usually makes its appearance when the blossoms begin to open, and a sharp watch for it should be kept just before that time. A gill of benzine to a pint of water makes an effectual remedy. Hold a dish of the mixture under the insects and they will drop into it. They last from six to nine days and should be looked after three times a day.

You have improved the magazine so much in every way that I do not see how you can offer it so cheaply.—Mrs. H. C. H., Williamsburg, Ky.

If there are no trees around your school house, why not plant some this spring? City school grounds are frequently so small that there is no space for trees, but in the country there is generally room enough and even one tree will add to the comfort of the pupils and teacher and greatly improve the appearance of the place. Country schoolhouses are noted for their forlorn, desolate appearance, which might easily be improved if the teacher, trustee, or some friend of the school would take the matter in hand and arouse a little enthusiasm. Try it.

I have just received a sample copy of Vick's Magazine and am well pleased with it. Enclosed find two subscriptions. W. J., Pine Grove, W. Va.

For several years the writer has supplied his own family as well as those of two or three neighbors with nice fresh cucumbers from one hill in his garden. You can do as well if you will do this: cut an old barrel in two and set one half of it, with the head knocked out, on the ground, and fill it with ordinary barn-yard manure, not too much rotted. Plant the seed in the earth outside the barrel and about six inches away from it. Each day pour water on the manure and this will soak down to the roots of the vines and carry the strength of the manure with it. At first it will not require much water but in July and August two or three pailfuls a day will not be too much to keep the vines green. It will require a space a rod square as the vines will run out in every direction. Forty to sixty strong vines can be grown in one such hill and kept green until frost kills them.

For Subscribers to Remember.

We receive tens of thousands of letters from our subscribers and it takes time to attend to changes of address, new subscriptions, discontinuing the magazine, etc., and it often happens that an extra number is sent after such a letter is received on account of the wrapper for the magazine having already been written. Our January edition was exhausted early, so about one thousand subscriptions which were ordered to begin with that issue had to go over to February.

Again let us request that in ordering a change of address you give the old as well as the new post office, and if your post office has been discontinued on account of rural free delivery inform us of this fact and state the correct address at the present time.

Some Press Notices.

A magazine that is very rapidly growing in popularity is Vick's Family Magazine. It would be useless to try to give a table of contents, as it deals with so many different subjects. Its opening articles are as usual on floriculture, and are very interesting and instructive. The aim of its publishers is to get up a magazine containing matter of interest to all classes of people, and this it certainly does. The price of this excellent magazine is but fifty cents per year, and this is the only cheap thing about it. The Budget commends the magazine to all lovers of clean reading, and especially to lovers of gardens.—Budget, Troy, N. Y.

Vick's Family Magazine is one which should be found in all well-read homes. Much instruction is gained by those who read it. Aside from the flower department is the Poultry Page which alone is worth 50 cents, the price of the publication.—The Advertiser, Farley, Iowa.

Vick's Family Magazine.

This old friend increases more and more in sustained interest; it is really as named, a "Family" magazine, and once read is eagerly waited for as successive numbers appear. Then too it is a comprehensive guide to all who love Horticulture; the proprietors being practical nurserymen can be relied on in their hints and directions as to flower culture. We cordially recommend this journal.—Human Journal, Chicago.

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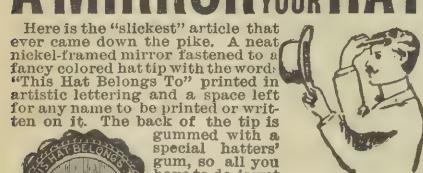
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LADIES Our Hygiene supports are just what you want. Will last a lifetime. Sent Postpaid for 50 cents.

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COUNT WALDEMAR

By Stanley Littell

(Continued from February Number)

"Not if I can help it; but I mean hitting him, I can tell you. And if I were you, Mr. Clifford, I would keep out of the quarrel. You can do as you like, of course, and it is no business of mine; but I think it is only fair to warn you that all this will probably end by getting you into a mess with the police."

That was all I obtained from Mr. Everard, who now left the room. For one brief moment I did think of following his advice—of declaring that I washed my hands of these two young idiots and their broils, or, better still, of packing up my portmanteau and taking the afternoon train to Nice. But it was only for a moment. Upon further reflection, I felt that I could not leave poor Waldemar thus basely in the lurch; and so I sat down sadly, and began to use my poor powers of eloquence upon M. de Beaulieu. That gentleman heard me out very patiently, and then convinced me, by a few brief but pithy sentences, that nothing short of an abject written apology would satisfy the wounded honor of his principal. At the end of a quarter of an hour I had actually consented, on Count Waldemar's behalf, to a hostile meeting with pistols at daybreak. Some vague hints I did venture to throw out with reference to blank cartridges, and the possibility of satisfying wounded honor without risk to life or limb; but upon this M. de Beaulieu became so angry, and asked me with such an air of outraged dignity what I took him for, that I was compelled to retreat rather hastily from that position.

Thus it came to pass that, after a disturbed night, I found myself stealing out of the Hotel d'Orient about the hour of sunrise, accompanied by three other malefactors, whom, at that dismal moment, I most warmly commended in my heart to the devil.

It seemed monstrous that two young fellows in the prime of life should be setting out to kill one another on such

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a lovely, peaceful morning. I can answer for it that one of the party would gladly have signed a cheque for a thousand pounds there and then, at the imminent risk of having it subsequently dishonored, if by that means he could have obliterated the events of the two preceding days.

But as that could not be, and as Providence did not think fit to intervene, we pursued our way without let or hindrance, and presently reached the entrance of a little dell, shut in on every side by rocks and trees, where we all instinctively

A woman's discovery

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By many years of constant study and experiments, I have perfected a simple, harmless vegetable remedy that will quickly cure all female diseases, as well as the piles. It is nature's own remedy, and will not only relieve, but will absolutely, thoroughly and permanently cure the ailments peculiar to women, such as falling of the womb, leucorrhœa (whites) displacements, ulceration, granulation, painful or scanty periods, irregular menstruation and all the pelvic ills of women. It positively cures rectal ulcers, piles, hemorrhoids, tumors, itching, blind or bleeding piles in either sex. It cures promptly, privately and permanently without the repugnant methods in general use by physicians. You can escape embarrassing examinations, avoid humiliating exposures, cheat the surgeon's knife out of baptism in your blood.

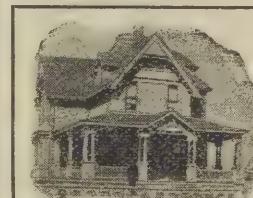
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The worst possible spavin can be cured in 45 minutes. Ringbones, Carbs and Splints just as quick. Not painful and never has failed. Detailed information about this new method sent free to horse owners. Write today. Ask for pamphlet No. 708. Fleming Bros., Chemists, Union Stock Yds., Chicago

tively came to a standstill. The light might have been better, M. de Beaulieu said, but one could not have everything, and it was a pretty place for the purpose—a very pretty place. This Frenchman's spirits appeared to rise with the approach of the combat, and he set about measuring the distance—only twenty paces, alas!—as briskly and cheerfully as if he had been making the requisite preparations for a cotillon. Everard and Count Waldemar stood a short space apart, each with his eyes fixed upon the ground, while I, with the pistol-case under my arm, seated myself upon the stump of a tree, shivering a little, and feeling as utterly miserable as I ever felt in my life.

At this supreme moment a distinct sound of approaching footsteps fell upon my ear. I wheeled round, and found myself face to face with—heavens and earth!—Mrs. Seymour and Miss Grey.

"Good morning, Mr. Clifford," said the former, without any demonstration of surprise. "Is it not a delicious morning for a walk? Is that Mr. Everard? And Herr von Ravensburg too! Dear me, what can you all be doing? And what have you got under your arm?"

"A—a botanical case—or rather, I should say, a paint-box. I mean, I really don't know; it doesn't belong to me, but to M. de Beaulieu. Here, catch hold of it," says I, thrusting the horrid thing into the hands of its owner, who had now joined the group, looking very blank.

[Concluded in April issue.]

Nerve-Force.

Ailing men and women, and those who know of suffering ones, will be interested in the advertisement of Mr. and Mrs. Corwin, of New York city, published in this issue of our Magazine. For twenty years Mrs. Corwin has worked upon the perfecting and promulgation of this home Remedy, NERVE-FORCE, the nucleus of which originated with her father, a graduate of the University of the City of New York; a Physician, Demonstrator and Author. The Remedy has won for Mr. and Mrs. Corwin many Gold Medals for lifesaving, and those who accept their kind offer of the free gift of their Publication will be led, in thought, away from the beaten track of stomach-dragging to an idea exactly opposite as NERVE-FORCE does its work by re-establishing the Circulation of blood to par by outward application. This Publication is most interesting as reading-matter and wonderfully instructive as well.

FREE! One Year's Subscription to any Magazine or Newspaper published Se d 10c, to help pay postage and receive direct from publishers over 100 different Sample copies to select from.

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11 Swan St., Toledo, Ohio.

YOUR NAME address and the names and addresses of 3 farmers will bring to you FREE the most useful household article invented. Send 2 two-cent stamps to defray expenses of mailing. W. E. Yarbrough & Co., Box 3, Quincy, Ill.

MIRROR MEDALLION—The most BEAUTIFUL MIRROR ever offered. Shows an indestructible I vorian a lovely hand-colored portrait of a girl FROM LIFE. Reverse side a fine mirror, just the thing for vest pocket. A rare treat for the NAKED eye. Price, 15c. Herrick Specialty Co., 449 E. Fifth St., Cincinnati, O.

YOUR FORTUNE
Send birth, date and sex with 10c, for sketch of your life. By the Great Hindu Astrologer. He tells all. Delays are dangerous. Send once. "Raja Zaha" Astrologer, Dept. A. Detroit, Michigan.

Don't Send \$5.00 to a "professor" for a twenty-five cent book on HYPNOTISM. Send us 24 cents and get the book, HYPNOTISM UP-TO-DATE, containing 161 pages, by return mail. Address, National Supply Co., Ludington, Michigan.

FILL YOUR LAMPS
Quickly and Without Dirt

By using the Climax Furner Rest. No more spilling of oil. Every housekeeper should have one. Fits any lamp. Sample and circulars 10 cents. Agents wanted.

Triune Specialty Co., 465 Pine St., Providence,

The "1900" Ball-Bearing FAMILY WASHER FREE

AN UNUSUAL OPPORTUNITY FOR ALL HOUSEKEEPERS TO TEST THE GREATEST HOME LABOR SAVING APPLIANCE EVER INVENTED, WITHOUT ANY EXPENSE WHATEVER.

The "1900" Ball-Bearing Washer Saves Time, Labor and Expense of Washing Clothes.

NO MORE STOOPING, RUBBING OR WEARING OUT OF CLOTHES.

Every Household Needs One.

In order to prove to the most skeptical that the "1900" Ball-Bearing Family Washer is unquestionably the greatest home labor-saving machine ever invented, we will

SEND YOU ONE ABSOLUTELY FREE

without deposit or advance payment of any kind, freight paid, on 30 DAY'S TRIAL. If you like it, you can pay for it either in cash or on the instalment plan at the end of the 30 days' trial. If you don't like it, all you have to do is to ship it back to us at our expense. You run no risk, no expense, no obligations whatever.

The "1900" Ball-Bearing Washer is unquestionably the greatest labor-saving machine ever invented for family use. Entirely new principle. It is simplicity itself. There are no wheels, paddles, rockers, cranks or complicated machinery. It revolves on **bicycle ball-bearings**, making it by far the easiest running washer on the market. No strength required, a child can operate it.

No more stooping, rubbing, boiling of clothes. Hot water and soap all that is needed. It will wash large quantities of clothes (no matter how soiled) **perfectly clean in 6 minutes**. Impossible to injure the most delicate fabrics. Saving in wear and tear of clothes, to say nothing of the saving in soap and materials, pays for machine in a short time. Don't be prejudiced. This is entirely different from and far superior to any other washing machine ever made.



A Day's Wash in 3 Hours

SHERWOOD, Md., Jan. 15, 1901. The washer I received from you is the best I ever saw. It will do all you claim for it. I can do the washing in three to four hours, where it took a colored woman a whole day to do it. We have ten boys and three girls, and you can judge from that, that we have large washings. Myself and daughter would not part with this machine for twice what it cost. We live on a farm. MRS. LEVI H. HARRISON.

Greasy Overalls Washed Clean. SAN FRANCISCO, Cal., Dec. 25, 1899. 1900 WASHER CO.

Gentlemen—I received the washing machine in good order on the 15th inst. My wife had saved three weeks' washing to try it. She commenced washing at seven o'clock and at eleven all the clothes were on the line. It would have taken two days to do all this work in the old way; and the washing was done clean. Greasy overalls, which I used in the engine room, could not have been done better in a steam laundry. She would not part with the washer if she could not get another like it, if she was offered \$100. Yours truly,

CHAS. BLUM, Marine Engineer, 1006 Channing Way, W. Berkley Cal.

SPARKILL, Rockland Co., N. Y., Oct. 29, 1901.

"1900" WASHER COMPANY.
I have given your washer a fair trial and found it all right as recommended. It is one of the best washers I ever saw. It washed three pairs of my dirty and greasy overalls and overshirts in ten minutes and washed them clean. My housekeeper says it would have taken her two hours to have washed them the old way. It will wash ten shirts, with collars and cuffs, in seven minutes. It will wash three washes without changing the water, only adding soap-suds and about two quarts of hot water after the first wash.

Enclosed you will find check in full payment of the washer. Please acknowledge receipt of the same and oblige,

Respectfully yours,

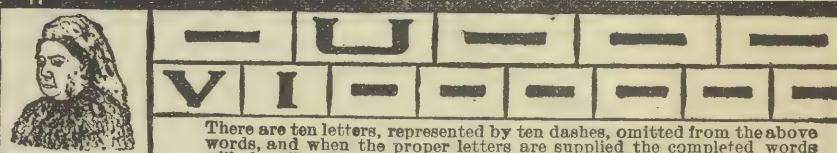
EDWARD KENT.

P. S.—I have been a delegate and attend twenty-six conventions held in different parts of the country, and my name is known on nearly every railroad in the United States and Canada. I am an engineer of the New York Division of the Erie road and have run an engine for forty years.

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There are ten letters, represented by ten dashes, omitted from the above words, and when the proper letters are supplied the completed words will describe the Picture and form a correct solution of the Riddle.

CAN YOU rightly guess what words are represented in the above picture? If you can you may win A CASH REWARD. This is a new puzzle, and if you are smart you can, with study, give a correct answer and win some Cash. We do not want one cent of money when you answer this Study. You have absolutely nothing to pay for a guess, so the cash you receive will be clear gain. Only one answer is allowed you, so Try and Win. This is a free contest and contains no element of chance and we positively guarantee to pay all patrons Cash for every correct solution. If your answer is correct you will hear from us promptly. Address, Home Remedy Co., S3 Temple Building, Montreal, Canada,

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BY SPECIAL ARRANGEMENT, Professor Edison will give every reader of this paper a reading of their life ABSOLUTELY FREE, in order to awaken interest in this wonderful mysterious science. Do not fail to write today, stating sex and date of birth, with 2-cent stamp for postage, and this free horoscope will be sent by return mail. Address,

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and use the 20th Century Female Syringe, Safest, Simplest, and Best. Every lady delighted. Send stamp quick for descriptive booklet.

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Is cleansing, purifying, beautifying and keeps the skin young, fresh and free from wrinkles, pimples, blots and blemishes. Being strictly antiseptic and possessing other valuable medical qualities, it is at once a most powerful, yet harmless, curative agent and the best known preventive for all afflictions of the skin and scalp.

The curative excellence of this soap is so generally recognized that it is now used largely in hospitals and in other places where absolute antiseptic cleanliness must be observed.

Used as a pomade after bathing the face, it has marvelous powers of softening and brightening the skin, and for skin diseases it is incomparable.

THE P. GRAHAM CO.
1263 MICHIGAN AVE., CHICAGO

The Soap will be sent by mail for 25c per box, or 5 boxes for \$1.00.

We want agents and canvassers to handle this Soap and four other articles of merit which we manufacture. Send for Folder "B" and special prices to agents.

LADIES: It will profit you to send for our folder "A." It's free.

Our Poultry Page.

J.W. BURGESS.

Don't over feed. If you feed corn, heat it first. Charcoal is splendid for fowls. Don't forget the cut clover hay. Be sure about the drinking water. Have you separated your breeding pen yet?

Corn on the ear helps keep them busy between meals.

Pour cold water on frozen combs, to draw the frost out.

No single grain compares with wheat as poultry food.

Mix brains with your chicken feed if you want the best results.

Comfortable quarters is the first essential to success in poultry.

Don't throw away a thing until you have given the hens a chance at it.

Change the feed frequently, for there's nothing like it to set the hens laying.

Spend all the money you want to in rigging up a good warm house, for it is well spent.

It doesn't take many dozens of eggs at thirty cents, to pay for keeping your entire flock all winter.

Don't crowd the fowls, especially at night. They should have plenty of room on the perches.

It is not so much the breed, as the feed and attention given them that makes a flock profitable.

Food, up to a certain point is a necessity; but beyond that point it is wasted, and you are wasting money.

Get a thoroughbred cockerel of your favorite breed, you will thus improve your stock fifty per cent another year.

This is one of the years when broody hens will be scarce, and the incubator man will have the best of it.

How easy it is to lay down a formula for getting eggs in winter, and how difficult to make it produce eggs.

There never was a greater demand for fancy fowls than at present. It costs no more to raise good stock than poor.

FREE

Guaranteed watch given free to anyone who will sell 2 doz. of our beautiful Scarf Pins at 10c. each and when sold return to us the \$2.40.

Address

The New Climax Mfg. Co.
New Haven
Dept. 3, Conn.

Along with the horseless carriages, wireless telegraphy, etc., it has been, generally speaking, a case of eggless hens this winter.

It costs no more to keep thoroughbreds than scrubs, and you'll take much better care of them, and naturally they will pay better.

HEALTH FOR MOTHER AND CHILD.
No woman need longer dread the ills incident to motherhood; nor remain childless. Dr. J. H. Dye 37 Lewis Block, Buffalo, N. Y., has devoted his life to curing the diseases of women. Write to him and he will inform you how to make childbirth safe, short and easy; the mother and child strong and healthy; also how to cure sterility.

CONSUMPTION CURED.

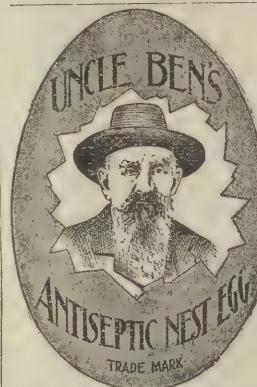
An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections; also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail, by addressing with stamp, naming this paper, W. A. NOYES 847 Power's Block, Rochester, New York.

Those interested in hatching chicks with incubators should send to the Ohio Incubator and Brooder Co., Columbus, O., for their circular telling all about their moisture gauge.

YOU CAN homestead 160 acres farming or timberland in Michigan, Wisconsin, Minnesota, Dakota, Nebraska, California, Colorado, Missouri, Oregon, Arkansas, Arizona, and other states. Send \$1 for copy of law regarding these lands all information how to locate. R. Hintemeister, Land Bureau, St. Charles, Mich.

100 CARDS
35 CTS
Printed just like Copper Plate Engraving, for Ladies or Gentlemen. Mailed same day order received. Send silver or stamps
DAVIS & STEELE, Rochester, N.Y.
PRINTERS

15 EGGS \$1
from Pure Bred Wh. Wyandots, Br. and Wh. Rocks, Brown and Wh. Leghorns Wh. Holland. Turkey Eggs \$1.50 for 9. Stock for sale. Address, OAKLAND FARM, Bethesda, Ohio.



Antiseptic Nest Eggs

are not only Nest Eggs but destroy and prevent lice on hens where an Egg is placed in each nest where hens are laying. Easy to use. Sure to give satisfaction. Packed in boxes especially for home and farm use, and sent prepaid to any address on receipt of price.

\$1.00 per dozen, 60 cts. one-half dozen. Sample by mail 10c. Address all orders to

ANTISEPTIC NEST EGG CO., Muscatine, Ia.

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Containing nearly 50 pages of practical information on all phases of the poultry industry by the most able writers of the country. Also a 50c. collection of vegetable and flower seed; a 50c. cash certificate; a calendar for 1902; a package of Poultry Tonic; Formula for Lice Killer; and our catalogue of bargains, telling you how to secure a setting of eggs free and win \$50 cash prizes. Send names of 5 farmers and 20c. to help pay postage, to
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POULTRY SUCCESS
Des Moines, Iowa. **40 PAGE POULTRY PAPER.** Handsomest and best. Subscription price 50c per year, sent on trial 6 months or 15c. Classified Ads 2c a word. Circulation 18,000. F. C. Bailey, Reading, Mich., invested \$1.00 in small ad, and got back \$95.00 in cash sales. Why not you? Send for free sample copy and get acquainted.

DON'T SET HENS the same old way beats it 10 times.
100 Egg Hatchers Costs Only \$2. Over 94,000 in use. 100,000 test's, 5,000 agents wanted for 1902, either sex. Pleasant work Big profits. Catalog and 10 Egg Formula FREE if you write today. Natural Hen Incubator Co., B-78, Columbus, Neb.

\$5
Brooder 125 chick size. Complete in every detail. Automatic Ventilation. Fresh air is warmed before entering Brooder Chamber. Fire proof and guaranteed. Impossible for chicks to crowd. Sole Agents for Ventilator and Moisture Gauge for Incubators. Latest and most complete invention and a great success. Manufacturers of Incubators and Poultry Supplies. Send for catalog. Ohio Incubator and Brooder Co., Columbus, Ohio.

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New Green Bone, Shell and Vegetable Cutter for the Poultryman.
Also Bone Mills for making phosphate and fertilizer at small cost for the farmer, from 1 to 40 horse power. Farm Feed Mills grind fine, fast and easy. Send for circulars. WILSON BROS., Sole Mfgs., Easton, Pa.

TWO GIRLS hatch 1662 chicks. One man 1^{1/2}. Another 2,000. New system again beats incubators. Facts Free. F. GRUNDY, Morrisonville, Ill.

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We buy RARE stamps and collections for CASH. Pamphlet "About Stamps" sent FREE. Stock of over 20,000 different stamps offered for the selection of collectors. Business established in 1877. 200 different foreign stamps 15c; 1000 mixed foreign 15c; Popular stamp album, board covers 25c; 25 attractive stamps, animals and birds \$1.00; 1000, all different, \$3.75. PRICE LIST FREE.

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ONE DOLLAR in cash will enable you to start a practical money-making business at home; good for \$15 weekly; failure impossible. Send \$1.00 today. THE "1903" AGENCY & SUPPLY CO., "Spring" St. Louis, Mo.

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53 legitimate p'ans for earning money easily, BEST BOOK Price, \$1.00 postpaid. 4 page circular free. INLAND PRINTING CO., Battle Creek, Michigan.

AGENTS WANTED Both sexes, to sell The Gem Nail Clipper. A practical Manicure. Samples 25c. Send for catalogue of numerous other household novelties. W. H. KENYON, Ansonia, Conn.

IT KEEPS us busy filling orders for our "Write Easy" Glass Pen. They sell for a nickel each. 35 cents a dozen. H. L. PLYMOUTH SUPPLY CO., Seney Iowa.

HAVE YOU DYSPEPSIA? If so, write us. We can send you a positive cure. No medicine to swallow. Send no money. E. & A. MEDICAL INSTITUTE, Dept. 3, Phila., Pa.

FREE IF SICK OR AILING send for my FREE book on MEDICULTURE, the grandest success of the age for the cure of all chronic diseases. If you will give name, exact age, sex and a few leading symptoms, 4c postage, I will tell you just what really ails you, and outline a course of treatment that will cure you. DR. J. C. BATDORF, Dept. 2 F, Grand Rapids, Mich.

DON'T Suffer with Rheumatism, Dyspepsia, Nervousness, Heart, Kidney, or Liver trouble. Send stamp for 100 N. D. Pills (by mail) FREE. A Guaranteed Cure. L. WEST, D. Avon, N.Y.

To introduce our catalogue we will send you this solid gold finished wire Broach for 12c. [regular price 25c.] and engrave your initial on Bangle FREE. Size: 1 Bangle same as 2½ gold piece. We Retail Watches and Jewelry at wholesale prices. B. MONARCH JEWELERY CO., Beaver Dam, Wis.

115 USEFUL ARTICLES FOR 10c.

Send for OUR HANDY HOUSEWIFE. Full size when opened is 13½ inches long, 7 inches wide. The cover is handsomely lithographed in colors, and contains the following HIGH GRADE ARTICLES:

3 Papers Sharp's Needles 1 Quilting Needle
80 Pins, Best Quality 1 Shoe Needle
1 Steel Bodkin 1 Hat Pin
1 Darning 2 Shawl Pins
1 Carpet Needle 3 Toilet Pins
1 Basting Needle 8 Hair Pins
1 Button Needle 12 Hooks and Eyes

The above articles if purchased at retail would cost not less than 25c, but by purchasing in immense quantities we are able to place this combination on the market for the small sum of 10c. mail paid. Remit by stamp or coin to Dept. B, The Durstone Supply Co., Syracuse, N.Y.

Poultry Page. (Continued)

When a good quantity of ground bone, or chopped meat is fed, no other food is necessary until the next feeding time.

Do you keep a box of sifted coal ashes where it will keep dry, and the hens can dust themselves when they feel like it?

Some folks call it luck when a man gets eggs in winter, but a better name, as a general thing, is common sense, and industry.

Chop up beets and carrots and turnips fine enough for the fowls to swallow. They will get away with a lot of it every day.

Are you compelling the hens to eat snowballs, and icicles to quench their thirst, or are you providing warm water a couple of times a day?

(Continued on page 18)



Sweet P's

Send 10c silver at once for Surprise Collection. 5 full-sized Pkts. Eckford's Large

Flowering Sweet Peas, New Varieties, Separate colors, White, Pink, Red, Lavender, and Striped. 5 full-sized pkts. only 10c. silver or 62c. stamps. For 20c. silver we will add 5 more pkts., still different, including "upids, and double varieties and 1 Giant pkt. choice annuals mixed, over 50 sorts, Free. This offer will not appear again. Send today for bargain lists in Vegetable and Flower Seeds. Mention this paper. Genesee Valley Seed Co., Dansville, N. Y.

For Would be Mothers I have a secret—Stamp will bring particulars. Geo. C. Eddings & Son, 134 Cedar Av. Cleveland, O.

BIG Head Reduced. Send ten cents silver for full-sized package of remedy originated and manufactured by a Graduate Pharmacist. Sold in drug stores 8 years. "C. & T." Box 336, Morrisville, N. Y.

DON'T WORK for others. Start a business of your own. We tell you how. Pays \$50 to \$150 monthly. Requires almost nothing to start. Particulars and plan for stamp. Address, S. V. HARPER & CO., REID, WEST VIRGINIA.

MAKE YOUR OWN INCUBATOR. 200 Egg size costs less than \$3.00. Don't pay \$15 to \$20 when you can make your own. Any bright boy can do it. Send us 25c. stamps and any address of fifteen farmers and we will send you complete illustrated plans. Address, Channon, Snow & Co. - - Quincy, Illinois.

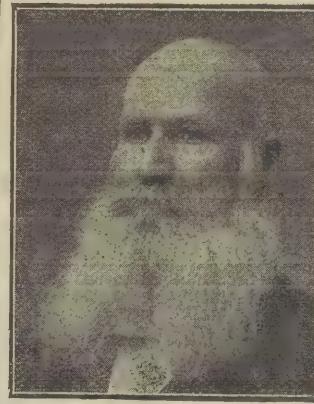
THE LEFT HIND FOOT

of a rabbit, aluminum mounted (lucky charm), aluminum pocket envelope opener, paper cutter and rule, with our large, illustrated 1902 catalog, will be sent prepaid for 2 dimes. 250 Agents wanted for our line—fastest selling on market; write today; catalog alone, 2c. D. D. WEARENE COMPANY, Lynn, Mass.

Heart Disease following LaGrippe or Drosy and Kidney Disease resulting therefrom cured by our medicine. Wonderful relief in desperate cases. Weak heart of people with chronic Heart disease, strengthened and life prolonged. Full particulars Free. Address The Neurotic Cure Co., Box 33, Rogers, Mich.

Absolutely Cured. Never to Return. New Method. Acts like magic. A boon to Sufferers. Remedy Mailed Free. Lenene Drug Co., Dept 30, Parsons, Kan.

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Best book for young men in the English Language.

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Forms of Fever, especially Typhoid. 281 large octavo pages, illustrated, \$1.00. This gives you more knowledge about Fever than any other book ever published.

What I Know about Human Teeth. New edition preparing.

The Royal Road to Hell. from 1728 years B. C. up to date. Side Tracks, Switches and Ticketed Passengers. A personal History of the General Superintendent of the Road. Colored plates, illustrated. In manilla 50c; cloth bound \$1.00.

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These Books contain more Knowledge than any other set of books on earth in relation to the care of Mind and Body and the Preservation of the Family. They save their cost in the household every month, besides keeping your Body Sound and your Mind Clear.

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WANTED LADIES and men for nice easy work.
Big Pay. Full particulars for stamp. No can-
vassing. **V. Fredrick & Co., Toledo, Ohio.**

Poultry Page

(Continued from page 15.)

If your hens acquire the habit of egg eating you must resort to heroic measures at once, for they will never stop of their own accord. Clipping the tip end of the bill will usually stop it, as that makes the bill so tender they can't pick the shell. Another method is to prick a hole in each end of several eggs, and after blowing out the inside fill them with a mixture of mustard, pepper and other disagreeable hot things, and then scatter them about the floor. One or two doses of that sort will soon convince a hen that eggs are not fit to eat.

Compared with ordinary years, poultry is scarce at present, in many sections of the country. Last year the weather was wet and that continually, until mid-summer. That made havoc with all attempts at early hatches, and proved the death of hundreds of chicks that under favorable circumstances,

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Splashers, center pieces, doilies, wash stand scarfs, etc. Splendid selling line of pretty goods. Agents wanted in every town. Write for our liberal offer.

would have pulled through alive. All through the West the corn crop was badly crippled, and in many cases, a total failure, so that the farmers disposed of everything that would eat corn, which, in many cases, reduced the poultry as well as other stock. The natural result of all this must be to greatly reduce the available supply of poultry all through the country, while the demand is greater than ever. In view of this fact, it would seem that the proper thing to do would be to raise an additional number of chicks this spring, as under the most favorable circumstances, it will take more than one year to bring the poultry stock of the country up to the normal standard. Owing to the scarcity of eggs during the past winter, many people will be induced to try the experiment of raising their own supply. As they must have either fowls or eggs to start with, this will still further increase the demand.



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ROLLER GOLD BANGLE RING,
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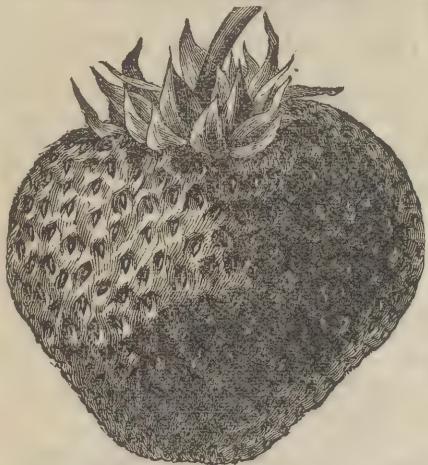
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R. M. KELLOGG, Three Rivers, Mich.

Garden Notes.

Experiments With Sugar Beets.

(Written for Vick's Family Magazine.)

Quite extensive experiments have been made in our county in raising sugar beets. Seed was furnished several farmers, and a leaflet giving cultural directions given to each; those who raised them were required to make an exhibit at the County Fair in September, bringing a certain number of beets and also a peck of soil in which they grew.

Those raised on prairie loam with gravel underneath were largest and smoothest; not only that, but in the final test of quality they ranked high in amount of sugar and in purity. Those raised in a very rich soil were not so rich in sugar, as those grown on ordinary farm land, the best coming from good corn land which had been carefully prepared.

Five beets from each trial patch were sent to the State Experiment Station for testing, those of ordinary size being selected, preferably from one and one-half pounds to two pounds in weight, as those above that weight are not so rich in sugar according to their size as smaller ones, though the ordinary weight when full grown should be five or six pounds. The result of the analysis showed that of the twenty-one samples the per cent of sugar ranged from 8.7 to 15.7 and the purity from 68.7 to 86.4, the sample containing the most sugar also being the purest.

The samples referred to as the largest shown at the Fair, showed 14.6 per cent sugar and were 83.7 pure. The whole lot averaged fourteen per cent sugar which is two per cent above the factory requirement.

Among the rules given for growing the crop, it is stated that not less than six rows should be planted side by side on account of the fact that beets taken from outside rows or from rows far apart, are deficient in sugar; it was also recommended to have the rows from fourteen to eighteen inches apart. Good mellow loam should be selected and new land should never be used. It must first be cultivated two years and the manure applied the previous season; under no circumstances should it be put on the land in spring before planting. If possible plow the land in the fall; then pulverize well in spring, harrow thoroughly and let it stand until the weeds begin to grow, then go over it several times again to destroy all the weeds.

Prepare the ground and seed the same day, so the moisture in the soil will not be lost; plant from May 1st to May 25th at the rate of fifteen pounds to the acre. Plant three-

(Continued on Page 18.)

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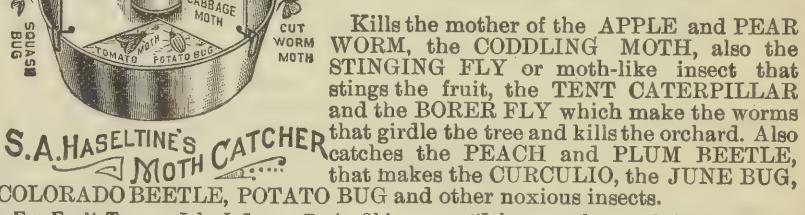
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COLORADO BEETLE, POTATO BUG and other noxious insects.

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Experiments With Sugar Beets.

(Continued from Page 17.)

fourths of an inch deep, as deeper planting is often fatal to a good crop. The crop is cultivated by horse cultivation, several rows being done at once, the work being begun as soon as the rows of plants can be seen. This is not only to keep down the weeds, but to keep the soil mellow and conserve the moisture, and should be continued at intervals until the leaves meet between the rows.

When the plants have four leaves they should be thinned, leaving one plant for every eight or nine inches in the row. Trimming is done by cutting out with the hoe all the plants for seven or eight inches, then leaving a few plants, and so on; later all the weak plants are pulled out, leaving one strong one. The plants in the rows must be carefully hoed, as the cultivator only works between the rows; and with the exception of the final horse cultivation, all the work should be finished within eighty days of the time of planting.

The beets are ready to be gathered from October 1st to 15th in this section. The tops should be cut off just below the lower leaves, as the necks are never used, and it is best to leave such refuse on the land where they grew. Some authorities think it a great mistake to take them away, claiming that they give back to the soil some valuable properties in the form of salts, which they take in great quantity from the soil as they grow.

Marian Meade.

Notes by the Way.

(Written for Vick's Family Magazine.)

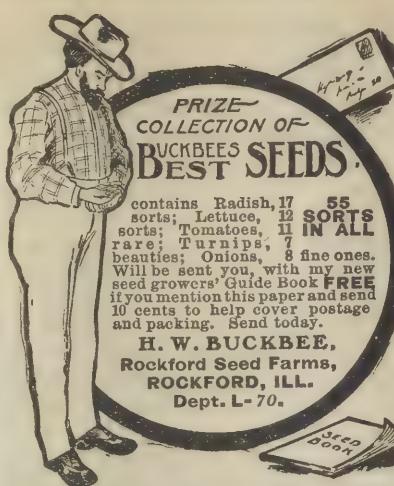
This year the seventeen-year locusts are bailed to appear, and unlike some visitors they are pretty sure not to disappoint (?) us. Much advice as to the desirability of setting out new fruit this spring is being aired. From diversified sources of information the majority agree that if you are prepared to set out new fruit do so, but stay the pruning knife on both new set and old-time fruit trees. Where the locusts "come up" in large numbers there is no doubt they will injure, often seriously, trees near the incubating lard. They work on the new growth, hence the advice to defer the annual pruning.

The last locust year, many trees looked as though hurt by a heavy frost; some were killed out-right, many badly injured. It would be a good idea where one puts out new trees, to cultivate among them quite often. In this way many locusts would be destroyed. Old timers say they will not sting blackberries, or trees that have thorns; is this a fact?

If one will allow a flock of ducks to run among the newly set fruit the locusts will do but little harm, for

(Continued on page 19)

Vick's Family Magazine
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We have seen Mr. Fedder's tomatoes. They are all he claims.—Ed. Vick's Magazine.

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I Can Sell Your Farm or other real estate for cash, no matter where located. Send description and selling price and learn my wonderfully successful plan. **W. M. OSTRANDER, North American Building, Philadelphia, Pa.**

NORNY'S FRUIT PRESERVING POWDER restores soured fruit or tomatoes. 10c. package enough for 10 quarts. **ZANE, NORNY & CO., Box 868, Philadelphia, Pa.**

HOME MANUFACTURING

Made Easy. White Rose Cream is an elegant toilet preparation, a good one to start with, costs a half cent to make a 3-oz. bottle, sells readily at 25c. Agents sell 10 to 20 bottles a day, 100 to 1,000 a week. Send labels printed in two colors. Formula for making the Cream, also our label catalogue and sample copy of Mizra's Guide, and a lot of valuable information how to start manufacturing Patent Medicines, Perfume, Soaps, Tonics, Aromatic Extracts, and many other household substances, how to make your own goods and employ agents; how anyone can get labels, etc., on 30 days time; how hundreds of other interesting pointers that every mixer should know, all for ten cents. Address, **J. M. THORNBERRY CO., Fort Madison, Iowa.**

AGENTS WANTED NOW.

We want to make every bright and energetic young man and woman who are dependent upon their own efforts for success an offer, whereby he or she can make from 100 to 132 percent profit handling our fast-selling goods which are necessities in every household. We have no gold watches or tin jewelry or gimbicks to offer as premiums for selling our goods, but we have the best plain business proposition ever offered. We want to hear from intelligent people to whom this kind of an offer would appeal. Address: The P. Graham Company, 1263 Michigan Ave., Chicago, Ill. **Anyone**, man or woman, will profit by sending for our "Folder A" its free.

Music Learning at Home.
Piano, Organ, Guitar, Violin, Banjo and Mandolin.

Harmony and Composition. Our booklet tells how to learn to play any of the above instruments without going to a teacher or having a teacher call at your home. Booklet sent free. Fifth year of greatest success. Address:

U. S. Correspondence School of Music
27 Union Square, New York, N. Y.

Beautiful Water Lilies

The most free blooming, the easiest cultivated and The Queenliest Flowers That Grow.

Who has not craved to have a collection of lovely pond-lilies? You should see my water lily catalogue which describes 100 varieties and gives complete instructions for growing them in tubs and ponds. Sent free to all who wish to buy (to others for 10 cents.)

Geo. B. Moulder,
Box 17, Lily Park, Smith's Grove, Ky.

Ripley's Compressed Air Sprayers

have been tested and endorsed by Stark Bros. Nursery Co., Louisiana, Mo., Green Bros. Nursery Co., Rochester, N. Y., and thousands of others in U. S. and Canada. Sprays solution in a mist fog. Saves $\frac{1}{2}$ solution and labor over other sprayers. Sprays trees 25 feet high by using extension pole. Fill $\frac{1}{2}$ full solution, pump in, turn on nozzle, and the solution is discharged. Fine brass cylinder pump fitted on outside, easy to activate solution. Fine Vermonet spray nozzle. Grafting, fruit, weeding, houses, etc. 8 ft. under a guarantee. Tested 60 lbs. pressure. Has safety valve. Pounds sealed and riveted. Prices cash with order, including one year's subscription to Western Fruit Grower.

4 Gal. Heavy Galv. Steel \$15, weight 12 lbs; 4 Gal. Heavy Copper \$17, weight 10 lbs; 5 Gal. Heavy Galv. \$5.50, weight 15 lbs; 5 Gal. Heavy Copper \$8, weight 12 lbs; 4 ft. Ex. pole 75¢, 6 ft. Ex. pole \$1.00. Agents Wanted.

RIPPLEY HARDWARE COMPANY,
Box 24, Grafton, Ill.



Notes by the Way.

(Continued from page 18)

very few will escape the ducks' broad bills, and the ducks never harmed berry bushes for us. Of course they would be fed, but there is absolutely no profit in raising ducks unless they are well fed. Don't make the mistake of allowing your ducks the run of the garden thinking they will be of benefit there; they will get the insects all right but the growing things in the garden will not be slighted; they will bite and destroy garden stuff for meanness, or at least one is led to believe so, as they will pull up plants and let them lie. Fifty or sixty half-grown ducks will work havoc in a growing garden in a very short time. Turkeys will pick up a great many locusts, but they are not nearly as good foragers for all sorts of insects as are ducks. There does not seem to be anything in the way of spraying or dosing to kill locusts so one must needs depend upon poultry and birds.

Last year's gardening taught us one thing—soaked it in, so to speak—and that was that a thoroughly prepared seed bed, with shallow and frequent cultivation of vegetables is the only help in a drouth, where one is not prepared to irrigate. The dust blanket might better be called the dust bed, for unless it is thicker than a blanket the advantage will not be very apparent in a dry time.

Emma Clearwaters.

Flansburg & Pierson, Leslie, Mich., make a specialty of growing strawberries and seed potatoes. They will gladly send their catalogue free to those mentioning Vick's Family Magazine.

Country Life in America, published by Doubleday, Page & Co., New York, and edited by Professor L. H. Bailey, of Cornell University, is a new magazine designed to portray the charms of country life. The publication is both elegant and unique; the paper is of the best, the illustrations numerous and splendidly brought out, and the contributions come from the best writers of the day in their particular lines. It cannot fail to lead to the better appreciation of country life and country homes, by those possessing ample means to indulge in broad acres of field and woodland.

Catalogues Received.

R. M. Kellogg's Great Crops of Strawberries, and How He Grows Them, Three Rivers, Mich.—Spring Catalogue of New Strawberries and the Best Old Ones, M. Crawford Co., Cuyahoga Falls, Ohio.—Fifteenth Annual Catalogue, L. L. Olds, Clinton, Wis.—The Storrs & Harrison Co., Painesville, Ohio.—The Effects of Nitrate of Soda upon Vegetation, by some of the Experiment Stations. John A. Myers, 12 John St., New York, N. Y.—The Conard & Jones Co., West Grove, Pa., New Floral Guide.

Spramotor.

The value of a name is well illustrated by the above which was adopted by the inventor of the spraying machines now advertised and sold by the Spramotor Company. Probably no similar machines on the market embrace more points of advantage than the Spramotor. Space will not permit detailed reference to these but a line to the manufacturer will bring catalogues and other descriptive matter. The business started at London, Canada, has grown to such proportions that a year ago a complete establishment was opened at Buffalo, N. Y., from which point all orders from the U. S. are filled. Highest honors were awarded the Spramotor at the Pan-American Exposition. Spraying has come into such general use by fruit and vegetable growers, farmers and stockmen, that many of our readers will be buying sprayers this season. The Spramotor Company make a full line. Address them at Buffalo, N. Y., or London, Canada, and mention this paper.

WILL YOU ACCEPT A GIFT

WORTH FULLY TWO DOLLARS?

If you have any serious trouble with your heart, stomach, kidneys or nerves, write me. I will make you a present of two and one-half dollars worth of one of my famous special treatments provided I feel confident that it will cure or greatly benefit you. They have cured many thousands of desperate cases after from two to twenty-two physicians had failed, as I will prove to you if you will permit me to send pamphlet containing many remarkable testimonials from prominent persons.

I treat these organs through the nerves and nerve centers. It is the only way of curing the worst cases. Nerve force is vitality-life; it controls the circulation, all motion and nutrition; without it, is paralysis—death. I have made it a life-long study, and my treatments are a wonderful success. So successful are they, that I do not hesitate to let you try them at my expense. It will not cost you a cent, but the express. I will carefully study your case free, prescribe free, and give the medicine free. What other physician will do as well?

My Examination Chart will help you to describe your case easily, fully and accurately. It will astonish you. Hundreds send grateful letters to me daily. I would like to send you what a thousand of them say, and after you try one of my Neuropathic Treatments you will understand why I have such confidence in them. I do not want your money if I cannot cure you.

If you have any of the following symptoms write to me at once: Short breath, pain in the chest, shoulder or left arm: dyspepsia, wind, irregular pulse, acidity or heartburn; weak, sinking or smothering spells; swelling of ankles or dropsy; constipation, deposits in water or kidney trouble. Address, FRANKLIN MILES, M. D., LL.B., 201 to 209 State St., Chicago, Ill.

"A Gold Mine On Your Farm"
is the title of the most complete and comprehensive illustrated Treatise, on the subject of spraying, with tables, cost and formulae. The result of actual use at the leading fruit-growing Experiment Stations, trials of the SPRAMOTOR, the "Gold Medal" machine at the Pan-American, 82 copyrighted pages. We will at first. Ask for it.

SPRAMOTOR CO., Buffalo, N. Y. or London, Can.

BABY'S FRIEND and Mother's Joy
White Wonder. Positively cures colds, croup, snuffles, caked breasts. Price 50c. per box. Guaranteed. Quaker Salve Co., Station 10 Iliion, N. Y.

Specialties for 1902.

Pearl Gooseberry, Loudon, Columbian and Cumberland Raspberries, Erie and Rathbun Blackberries; Pomona and Fay's Prolific Currants; Echo Strawberry.

They Live, Grow and Bear Fruit.

Every plant is guaranteed as to quality, freshness and to be true to name and variety. This stock is strong, hardy and most carefully selected. My New Year Catalogue contains much of interest and value to every orchardist and small fruit grower. Many new varieties. It is mailed free. Write for it to say

ALLEN L. WOOD, Wholesale Grower, Rochester, N. Y.

ALLEGER & CO.

GET AN ALLEGGER PIANO

The Standard of Perfection for \$150.00.

GET AN ALLEGGER ORGAN

The Standard of Perfection for \$42.50.

Established 38 years.

Address Lock Box 15, Washington, N. J.

Increase Your Income.

Agents and canvassers, men and women make money selling our beautiful photo jewelry and medallions, made from any picture. The finest work of this character produced in this country. Superb and appropriate presents. Liberal terms. Write today. REED & CO., 113 Adams st. Chicago, Ill.

LADIES NO MORE STREAKED CLOTHES

If you use BLUETTE in your laundry work. No liquid to settle to the bottom of the tub. No powder left undissolved to spot the clothes. No spilling of liquid or powder. BLUETTE is put up in sheets. One package, enough for 24 washes, sent for 10 cents. Agents wanted.

Julia D. C. Nichols - Hancock, N. Y.

DANDRUFF CURED FREE

"DANDRUFF" is a sure cure for dandruff. It cleanses the scalp and produces a healthful condition and can be applied easily. We will send you a 25 cent package; enough to cure an ordinary case for 10 cents to pay for packing and postage. CREST CHEMICAL CO., P. O. Box 183, Far Rockaway, New York City.

FAT
How to reduce it
Mr. Hugo Horn, 344 E. 65th St., New York City, writes:
"It reduced my weight 40 lbs. three years ago, and I have not gained an ounce since." Purely vegetable, and harmless as water. Any one can make it at home at little expense. No starving. No sickness. We will mail a box of it and full particulars in a plain sealed package for 10 cents for postage, etc.

Hall Chemical Co., Dept. 213, St. Louis, Mo.

ARE YOU DEAF? ANY HEAD NOISES?
ALL CASES OF DEAFNESS OR HARD HEARING ARE NOW CURABLE
by our new invention. Only those born deaf are incurable.
HEAD NOISES CEASE IMMEDIATELY.

F. A. WERMAN, OF BALTIMORE, SAYS:

GENTLEMEN:—Being entirely cured of deafness, thanks to your treatment, I will now give you a full history of my case, to be used at your discretion.

About five years ago my right ear began to sing, and this kept on getting worse, until I lost my hearing in this ear entirely.

I underwent a treatment for catarrh, for three months, without success, consulted a number of physicians, among others, the most eminent ear specialist of this city, who told me that only an operation could help me, and even that only temporarily, that the head noises would then cease, but the hearing in the affected ear would be lost forever.

I then saw your advertisement accidentally in a New York paper, and ordered your treatment. After I had used it only a few days according to your directions, the noises ceased, and today, after five weeks, my hearing in the diseased ear has been entirely restored. I thank you heartily and beg to remain,

Very truly yours,
F. A. WERMAN, 730 S. Broadway, Baltimore, Md.

Our treatment does not interfere with your usual occupation

Examination and advice free.

YOU CAN CURE YOURSELF AT HOME at a nominal cost.

INTERNATIONAL AURAL CLINIC, 596 LA SALLE AVE., CHICAGO, ILL.

HAIR SWITCH FREE!
ON EASY CONDITIONS. REMIT 5 CENTS FOR POSTAGE.
Cut this ad. out and mail to us; send a sample of your hair. send no money, we will make and send you, postpaid, A FINE HUMAN HAIR SWITCH, exact match, 22 inches long, $\frac{1}{4}$ inches, short stem; if found perfectly satisfactory, exactly as represented, send us \$1.50 by mail within 5 days, or TAKE ORDERS FOR 3 SWITCHES, we to send switches direct to the ones buying postpaid, to be paid after examination if satisfactory. If not satisfactory return to us by mail, we enclose postage. When 3 switches are paid for you can then have the switch we send you free. For extra shades, Red, Blonde, Gray, the cost to us is more. Price of extra shades \$2.75. Order at once or send for free catalog. Address, LADIES' HAIR EMPORIUM, Dept. S CHICAGO.

RIDER AGENTS WANTED
One in each town to ride and exhibit a sample 1902 Bicycle.

1902 Models, \$9 to \$15

'01 & '00 Models, high grade, \$7 to \$11

500 Second-hand Wheels

all makes and models, good as new, \$3 to \$8. Great Factory Clearing Sale at half factory cost. We ship to anyone on approval and ten days trial without a cent in advance.

EARNS A BICYCLE distributing

1000 catalogues for us. Write at once

for bargain list and our wonderful

special offer to agents. Tires, equipment, sundries, all kinds, half regular prices.

Dept. 95 H. MEAD CYCLE CO.

8 ROLLS FINE GILT GIVEN FREE WALL PAPER

to introduce our goods in each town. Nice Wall Paper 1c, 2c, 3s, a roll up. Elegant goods, low. Save 50 per cent direct. Send for FREE SAMPLES. F. H. HEWS, Lowville, N. Y.

VICK'S FAMILY MAGAZINE

THE NATURAL BODY BRACE



CURES

Female Troubles,
Stooping Posture,
Inflammations,
Internal Pains,
Tired Feeling,
Backache,
Weak Lungs,
Nervousness.

TRIAL FREE.

It will make you comfortable, buoyant, happy—give you ability to work and enjoy life. It is simple, wholly external, adjustable to any figure. Worn with or without corset.

We have over 15,000 letters like this:

Chandler, Okla., July 27, 1899.
Your Brace did all you said about it, and more for me. It has saved me a big doctor's bill and brought me good health, which I had not had before in 25 years. My troubles were dropsy, headache, lung disease, stomach and other ills to which women are subject.

MRS. L. B. DICKINSON.
Write today for particulars and illustrated book mailed free in plain sealed envelope. Address The Natural Body Brace Co., Box 748, Salina, Kansas.

Every woman should have this Brace.

Birds and Mosquitos.

(Written for Vick's Family Magazine.)

In high northern latitudes, the earliest birds that come to greet us in the spring from their migratory journey south, are the beautiful snow-birds. They come with songs of gladness, true harbingers of approaching spring.

For three long dreary winters I was stationed at Point Barrow, the extreme northern point of Alaska, where the nights are over two months long, when no bird or animal can be seen. In fact from the middle of October to the middle of April, no living thing can be seen, excepting an occasional native and his accompanying dog, or now and then a polar bear or a white fox. One can imagine how very welcome the snow-bird is, after being shut up out of the world, as it were, for six long, dark, dreary months. The first we knew of his presence was, the warble of his song, not unlike the canary's, but to us far sweeter; we all rushed out to see, and hear and welcome him. He was a beautiful creature and as he sang flitting from one vantage point to another our hearts were made glad, feeling assured that the long winter's gloom had passed. We threw the bird a handful of crumbs for which he seemed grateful by continuing his song, off and on, nearly all day.

The next day we missed the bird and the song, but on the third day he appeared with his mate, and remained with us the whole of the summer season. A few days after the first, another pair came, then others, and their songs could be heard all through the day and night. The males are very pugnacious little fellows and after several battles in which feathers flew, the first two pairs held possession and all others flew away for more congenial quarters. The first pair selected a nesting place among bags of coal piled up against the station; the second pair among bags of coal against the store-house not twenty yards away; these were their homes for which they fought against all intruders.

Every day for weeks the males would begin their daily songs of open defiance of each other, then meet some half way or so between their homes in open battle, in which neither seemed the victor, but woe to the one who approached the nest of the other, and woe to any strange bird that entered the neighborhood, for then both male birds would engage in driving him off. We were deeply interested in the battles and songs of these birds, as they served to while away the time and bring us back to the realities of an every day life.

For a while we fed the little things with crumbs of bread and they soon became so tame as to take the crumbs from our hands; when the mosquitos came the birds fed on them in preference to the crumbs; in fact mosquitos

Vick's Magazine a whole year for 25c., if sent within 60 days.

Mothers!
Mothers!!
Mothers!!!

Mrs. Winslow's Soothing Syrup

has been used for over SIXTY YEARS by MILLIONS of MOTHERS for their CHILDREN while TEETHING, with PERFECT SUCCESS. It SOOTHES the CHILD, SOFTENS the GUMS, ALLAYS all PAIN; CURES WIND COLIC, and is the best remedy for DIARRHEA. Sold by Druggists in every part of the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cents a bottle.

WANTED Ladies and gentlemen who can write a plain hand and give good references. Address, E. W. D., 19th St., East Orange, N. J.

\$20 WEEK, POSITIVE EITHER SEX
While at regular work. Start immediately, fully equipped, for \$1. (cash or stamps). No books or samples. **Box A 243, Des Moines, Ia.**

ANY LADY suffering with Female Trouble who will send me the names and addresses of ten women who need treatment, I will send a 40-cent box of the famous "HOME TREATMENT" for women free. Address, Mrs. Harriet Hartman, Box 485 R, South Bend, Ind.

FREE

SURE HOME CURE FOR CONSUMPTION, BRONCHITIS, CATARRH AND WEAK LUNGS. To introduce my treatment in certain localities, I will, for a short time, give free medicines for 3 months' treatment **FREE**. No C. O. D. imposition. Write me about your case without delay. **DR. M. BEATY, 123 W. 9th St., Cincinnati, O.**

WEAK BACKS. CROOKED SPINES.

Reader: If from any cause you, or any one in whom you are interested, are afflicted with a weak or ailing back, or with a misshapen or deformed spine, it will be greatly to your interest and advantage to write to **THE PHILIBURG CO., 52 THIRD STREET, JAMESTOWN, N. Y.** telling in your own way as much as you can about the case. Correspondence is free and invited, information of real value will be sent you. Act upon this suggestion **"NOW"** and you will profit by it.

EVERY WOMAN is interested and should know about the wonderful **MARVEL WHIRLING SPRAY** The new vaginal Syringe, **INJECTION AND SUCTION**. Best—Safer—Most Convenient. It Cleanses Instantly.

Ask your druggist for it. If he cannot supply the **MARVEL**, accept no other, but send stamp for illustrated book—sealed. It gives full particulars and directions invaluable to ladies. **MARVEL CO., Room 34, Times Bdg., New York.**

GRAY HAIR RESTORED. We have secured the sole rights in America for the manufacture and importing of the wonderful juice of the Philippine Islands Walnut. In its crude state this juice has been used for hundreds of years by the natives as a hair dressing, and gray hair is unknown amongst them. Under our process this juice is specially purified and prepared, making the only known preparation which will absolutely restore gray hair. We have called this preparation **"WALNUTTA" HAIR STAIN**

for coloring (dyeing) Gray, Streaked, Faded or Bleached Hair, Eyebrows, Eyelashes, Switches, Beard or Moustache. **DOES NOT WASH OFF OR RUB OFF.** Entirely harmless, lasting and easily applied. Gives Gray Hair a uniform color in **LIGHT BROWN, DARK BROWN or BLACK**. Contains no Nitrate of Silver, Sulphur, Lead, Litharge or Poisons of any kind. It is not Gummy or Sticky. It is superior to any color on the market. The effect of **Walnutta Hair Stain** is not only **Instantaneous** but **absolutely harmless** and satisfactory in its actions. If your hair is fading or turning Gray, and you want it back to its own color, **Walnutta Hair Stain** will restore it. If only part of your hair is Gray, that part can be restored to its own color without touching the hair. Used according to directions any shade from light brown to black can be obtained. It cannot injure the hair, but will restore tresses that have been ruined by the use of chemicals and dyes. It will cause the hair to appear perfectly natural and bright as in youth. It is a one-bottle preparation, and altogether different from the sticky, dirty and greasy hair dyes so extensively advertised. **Walnutta Hair Stain** will give more satisfactory results in one minute than all the hair restorers and hair dyes will in a lifetime. No matter what hair dye you are now using, or have used, give **WALNUTTA HAIR STAIN** a trial. It will only cost you 20 cents to prove that it is the only absolutely effective, perfectly harmless hair stain on the market. Price **60 cents per bottle, by mail, postpaid.** Sent in plain pkg. To convince you of its being the best preparation ever sold, we will send a **sample bottle** postpaid for 20c.

Address **THE PACIFIC TRADING COMPANY, Distributing Office J. ST. LOUIS, MO.**

REAL ESTATE WANTED

We want town, city and farm property, also business property, in all parts of the United States and Canada. Send description and cash price.

N. Y. TRADING AND INVESTMENT CO., - Dept. V, 128 Hamilton Place, NEW YORK.

FOUR BOTTLES FREE!

We will send four bottles of our unrivaled remedy, securely packed in wooden box, like cut, no distinguishing marks, postpaid, FREE. This remedy, the result of many years of practice, study and experiment in leading European hospitals, is unsurpassed for the treatment and cure of **ALL BLOOD DISEASES** and the resulting different forms of **ERUPTIONS** and **ULCERS**. We also send free valuable pamphlet describing the cause and growth of skin disease and the proper treatment of **PIMPLES, BLACKHEADS, ITCHING OF THE SKIN, ECZEMA, LIVER SPOTS, and all skin diseases, inherited or self-acquired, LOSS OF HAIR, ULCERS, RUNNING SORES, PAINS OF A NEURALGIC OR RHEUMATIC NATURE, BLOOD POISON, etc.** There's a certain cure for your affliction. **WRITE TODAY.**

Address **KENT MEDICAL INSTITUTE, 362 Houseman Bldg, Grand Rapids, Michigan**

How I Acquired My Millions.

By a big capitalist. Tells just what every enterprising man and boy wants to know. We mail it for 10c. **STAR NOVELTY CO., 1107, Palmer Street, Philadelphia, Pa.**

25 SHEETS of Fine Note Paper, 25 Envelopes to match, Pencil, Penholder and Pen and one pint of fine writing ink, all for 22c in stamps. **Pearl Novelty Co., Roaring Springs, Pa.**

AGENTS wanted in every county to sell the good comis- **TRANSPARENT HANDLE** sion paid. **Pocket Knife.** From \$75 to \$300 a month can be made. Write for terms. **Novelty Cutlery Co., No. 63 Bar St., Canton, O.**

We Pay \$20 a Week & Expenses

to men with rigs to introduce our Poultry Compound. Send stamp. **Javelle Mfg. Co., Dept. 222, Parsons, Kan.**

\$80 A MONTH and expenses paid any active person to sell goods \$40 a month to distribute circulars, salary paid monthly. Sample and full particulars 10 c. **WE MEAN BUSINESS.** **Union Supply Co., Chicago, Ill.**

LADIES TO DO PLAIN SEWING at home \$1.50 per day; four months' work guaranteed. Send stamped addressed envelope for sample and particulars. **R. W. Hutton & Co., Dept 2, Philadelphia, Pa.**

DO YOU KNOW WHATAILS YOU?

SCIENCE AGAINST LUCK. Doctors Often Fail To Cure because they Do Not Know What Ails You. Why spend your money and get no cure? If Sick, or discouraged send your date of birth, sex and stamp for **A FREE DIAGNOSIS.** **DR. MACDONALD, Binghamton, N. Y.**

\$75 A MONTH. We want a middle aged or elderly man in every county to represent us. No book agency scheme, or swindling salary offer. Just a straight, clean, permanent, business proposition. **Beach-Kingsley Co., Box 95, Binghamton, N. Y.**

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HOW TO MAKE MONEY Invest 1 cent by writing us a postal card and we will put you in a position to earn \$1000 a year. This is no fraud. Many now in our employ will vouch for the truth of this statement. We are willing to guarantee any honest, energetic person, without previous experience, from **\$700 to \$1,000** a year sure money. Write today. **J. L. NICHOLS & CO., Naperville, Ills.**

COMFORT FOR WOMEN. We have lately produced a sanitary article both antiseptic and absorbent. It is healthful, cleanly and cheap; recommended by physicians. To use it means health, comfort and happiness. It is cheaper to use it than not to use it. It costs less than to pay laundry bills; after use, destroy removing from sight. We will send a month's supply for trial, postpaid, for only fifteen cents; as you will become our regular customer. Circulars and prices free. Ladies travelling, and boarders need them and so does every woman. Special terms to lady agents. Address, **Woman Co-Operative Co., West Derry, N. H.**



LIFE SIZE DOLL FREE "Baby's clothes will now fit Dolly."

Girls can get this beautiful Life Size Doll absolutely Free for selling only four boxes of our Great Cold & Headache Tablets at 25 cents a box. We will sell you the tablets by mail postpaid when sold send us the money (\$1.00) and we will send you this Life Size Doll which is 24" feet high and can wear baby's clothes. Dolly has an indestructible Head, Golden Hair, Rosy Cheeks, Brown Eyes, Kid Colored Body, a Gold Plated Beauty Pin, Red Stockings, Black Shoes, and will stand alone. This doll is an exact reproduction of the finest hand painted French Doll, and will live in a child's memory long after childhood days have passed. Address, **NATIONAL MEDICINE CO., Doll Dept. 224 C, New Haven, Conn.**



Two Rings Free!

We will give these **TWO SOLID GOLD** laid rings, one set with large Garnet and three Pearls, one with Ruby and two **Brilliants** FREE to any one that will sell **12** of our **Gold Plate Enamelled Brooches**, set with different colored stones at 10 cents each, and sends us the **\$1.20**. No money required until brooches are sold. We take back all not sold. Address, **HOWARD MFG. CO., PROVIDENCE, R. I.**

BABY PATTERNS. I will send 35 patterns for long wardrobe, or 15 for short clothes, with complete directions for making, for 25 cents, postpaid, per set. Also "Hints for Prospective Mothers" free with order. **Mrs. Marion Carson, 1188 Ravenswood Park, Chicago, Ill.**

DIP NEEDLE COMPASS

for hunting magnetic minerals, also underground treasure books, etc. circulars 2cts. **H. P. STRUPP, Dept. E, Campbelltown, Pa.**

CARBO-GRAF A new and easy method of drawing any picture in colors, by using carbon papers. No. 1, 25 cents, postpaid; larger size, express paid, 45 cents. **E. AUSTIN, Fowlerville, Michigan.**



A full set of **Child's Make-Ups**, sent by mail for 25 cents, stamp or silver. Also **Mounts** or **Card**, **Kubik**, **Alaway**, **Irish** or **Side Whiskers**, any color, a **Box** of **spirit Gum** to stick them on, a **Box** of **Prepared Burnt Cork** to blacken up, an **Rubber Mouth** big teeth **Secret** and **Apparatus** for the Great Vanishing Half-Dollar Trick, Cure for Love a novelty sure to please, Mention the paper you saw this Ad in and I will put in a heavy **GOLD** laid finger **RING** Free, and my large **Ill'n cat's** of **Plays, Wigs, Tricks and Novelties**. **Chas. Marshall, Mfr. Lockport, N. Y.**

seemed to be their natural food. After awhile six little brown and white eggs were deposited in each nest. At one time a native woman, seeing the birds so gentle, set a snare and caught one bringing it a captive triumphantly to me. I informed her that the birds were mine and I should allow no one to trouble them; for punishment I forbid her the entrance to the house for a month. It is the nature of the Esquimaux to kill every bird and beast they come across. For a while I had all I could do to keep the boys and girls from stoning the birds, but when they found they were under my special care they desisted from such practice. In due time six little chicks in each nest, made their appearance, and the parents were kept busy feeding the hungry little fellows with mosquitos. Thousands and thousands of these insects were destroyed by the parent birds and their progeny. Long after the little fellows had left their nests and were able to fly, the parent birds continued feeding them and kept up the practice during the whole season.

Until my arrival at Point Barrow I could never understand what particular function in the economy of nature the mosquitos were intended to perform. Now I am satisfied they are specially provided as food for the snow-bird.

G. B. Borden.

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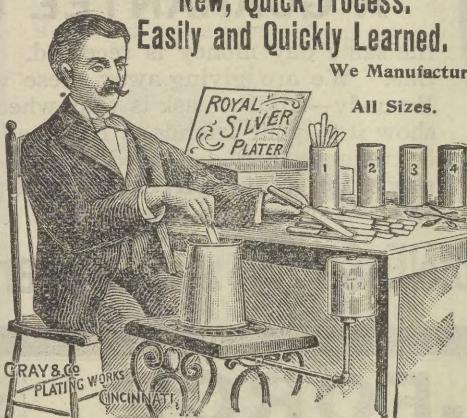
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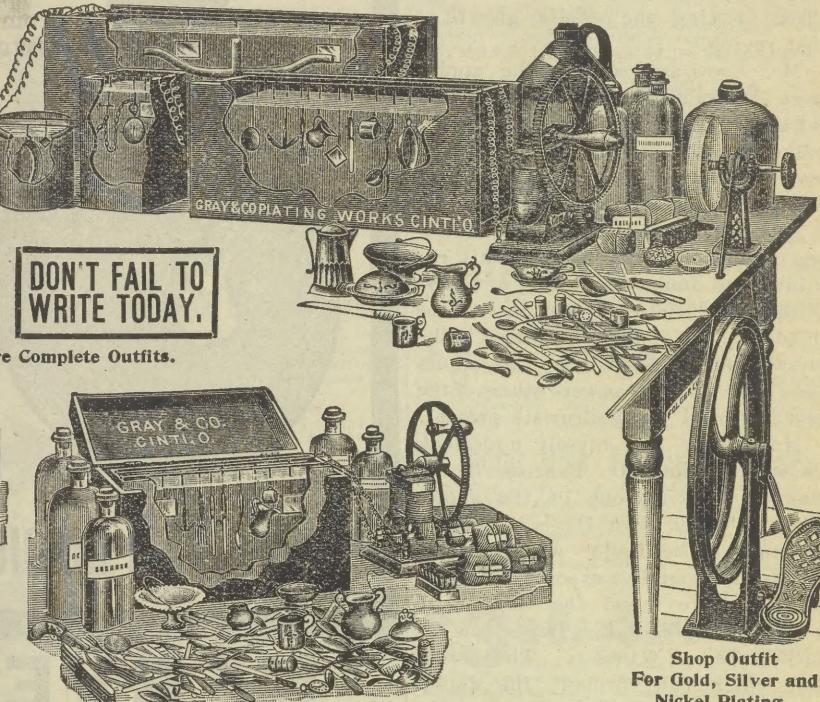
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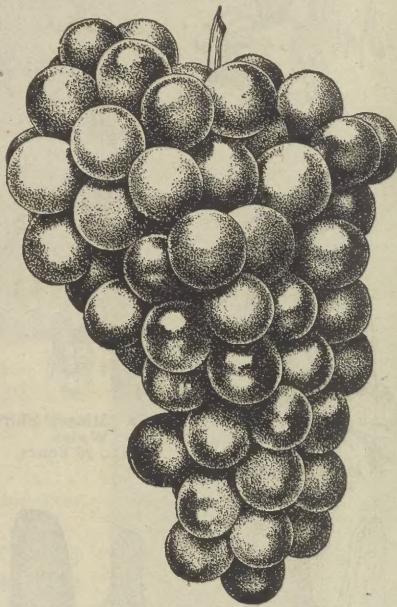
When the world seems full of trouble
From the shinin' east to westA fellow makes it lighter
Just by hopin' for the best.It brings in sight the valleys
Where the weary ones can rest,
An' he hears the birds a-singing
Just by hopin' for the best.

It's like a benediction

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The privilege of hopin'—
Just by hopin' for the best!

Atlanta Constitution.

Allen L. Wood of Rochestr, N. Y., one of our advertisers, is a large grower of fruit and nursery stock. His catalog just received appears to contain everything any one would want in great variety and we should judge the prices exceptionally reasonable for the high grade of stock which Mr. Wood is famous for shipping.



One of the novelties shown in the catalog is the McKinley early grape, brought out by Mr. Wood last year, and which gives great promise. Our readers who are interested in these matters would do well to write Mr. Wood for one of his catalogs, which will be very promptly mailed free on request.

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